DICTIONARY
OF
OCCUPATIONAL TITLES
1965
Volume II
OCCUPATIONAL CLASSIFICATION
Third Edition

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DICTIONARY

OF

OCCUPATIONAL TITLES

1965

Volume II

OCCUPATIONAL CLASSIFICATION AND INDUSTRY INDEX

Third Edition

U.S. DEPARTMENT OF LABOR
W. Willard Wirtz, Secretary
MANPOWER ADMINISTRATION
Bureau of Employment Security
Robert C. Goodwin, Administrator

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INTRODUCTION

This second volume of the third edition of the DICTIONARY OF OCCUPATIONAL TITLES complements volume I in which thousands of jobs currently in the American economy are listed and defined. Volume II serves as a method of grouping jobs having the same basic occupational, industrial, or worker characteristics to help the user discern relationships among occupations; and as a standard approach to classifying the abilities, vocational experiences, and potentials of workers.

A new classification structure supplants the two structures formerly used. Volume II of the 1949 edition of the Dictionary supplied the structure for classifying individuals with a vocational background, and part IV, published in 1944, furnished a means of classifying counselees or entry applicants. This edition has a single structure and contains more detailed information regarding worker traits. It should be more useful to guidance and placement personnel in dealing with persons planning careers or seeking employment.

Summary of Contents

This second volume of the DICTIONARY OF OCCUPATIONAL TITLES contains 12 sections, as follows: (1) The Occupational Categories, Divisions, and Groups; (2) an Alphabetic Arrangement of Three-Digit Occupational Groups; (3) the Occupational Group Arrangement of Titles and Codes; (4) an Alphabetic Arrangement of Areas of Work; (5) an Alphabetic Arrangement of Worker Trait Groups; (6) the Worker Trait Groups within Areas of Work; (7) the Worker Traits Arrangement of Titles and Codes; (8) the Industry Arrangement of Titles, which presents lists of jobs according to the industries in which they are usually found; (9) the Industry Index, which is an alphabetic index of the industry designations, their complete industry titles, and various inversions of both; (10) a Glossary, which defines many technical terms used in the definitions found in volume I; (11) Appendix A, which gives an explanation of the relationships within the Data, People, and Things hierarchies; and (12) Appendix B, which provides a discussion of worker trait components.

The Format of the Occupational Group Arrangement

The job titles defined in the Dictionary are listed in the Occupational Group Arrangement of Titles and Codes according to their code numbers. The occupations are arranged into categories, divisions, and 3-digit groups.

Example:

0/1 PROFESSIONAL, TECHNICAL, AND MANAGERIAL OCCUPATIONS (category)
10 OCCUPATIONS IN MUSEUM, LIBRARY, AND ARCHIVAL SCIENCES (division)
109. Occupations in Museum, Library, and Archival Sciences, n.e.c.[1] (3-digit group)

Definitions for the categories, divisions, and groups are included directly under the headings. Following the definition of each 3-digit group the job titles are listed numerically according to their 6-digit code numbers.

Example:

109. Occupations in Museum, Library, and Archival Sciences, n.e.c.
This group includes occupations, not elsewhere classified, concerned with museum, library, and archival sciences.

109.118 SUPERVISOR, HISTORIC SITES (gov. ser.)
109.138 SHELVING SUPERVISOR (library)
109.281 ARMORER TECHNICIAN (museum)
109.288 RESEARCH ASSISTANT (profess. & kin.) II
RESEARCH WORKER, ENCYCLOPEDIA (profess. & kin.)
109.368 BOOKMOBILE DRIVER (library)
REGISTRATION CLERK (library)
109.388 RECORD-PROGRAM SELECTOR (any ind.)
109.687 PAGE (library)
runner
shelver
shelving clerk
stack clerk

[1] N.e.c.—"Not Elsewhere Classified"—is used with certain division and group headings to indicate that only the occupations not classified in a more specific group are included.

Titles which appear in all capital letters, not indented, are called *base titles*. They are defined and accompanied by code numbers in volume I. Titles in all-capital letters indented two spaces are closely related to the titles under which they are indented and receive the same code number. These titles are known as *defined related titles* and their definitions are found in volume I indented under the definitions of the base titles which carry the code number. Titles which appear in all-lowercase letters indented six spaces from the margin are alternates or synonyms to the titles which immediately precede them. They are called *alternate titles*, and are not defined. Titles appearing with initial-capital letters indented four spaces from the margin are contained in the body of the definition of the title under which they are indented. They are specializations of the more general duties described in the definition in which they appear, and they receive the same code as that of the base title. They are called *undefined related titles*.

The following is an illustration of the listing technique in the Occupational Group Arrangement of Titles and Codes:

240.388	COLLECTION CLERK (clerical)	base title
	collection-and-credit clerk	alternate title
	collection-contract clerk	do
	collection correspondent	do
	collector man	do
	past-due-accounts clerk	do
	Budget-Collection Clerk (clerical)	undefined related title
	Credit Contract Clerk (clerical)	do
	TRUST-COLLECTION CLERK (banking)	defined related title

The Format of the Worker Traits Arrangement

The Worker Traits Arrangement of Titles and Codes is organized into 22 broad areas of work. The names of the 22 areas, such as Art, Clerical Work, and Entertainment, are self-explanatory. Within each area of work there are several specific worker trait groups. For example, some of the worker trait groups in the Engineering area of work are:

Engineering Research and Design
Sales Engineering
Industrial Engineering and Related Work
Drafting and Related Work

Each worker trait group is defined by narrative information under four headings:

Work Performed
Worker Requirements
Clues for Relating Applicants and Requirements
Training and Methods of Entry

This is followed by a section entitled Related Classifications (a list of other worker trait groups that have something in common with this group), and a Qualifications Profile which specifies the general educational development, specific vocational preparation, aptitudes, interests, temperaments, and physical demands required of the worker.

Within a worker trait group the jobs listed [2] are arranged numerically according to their complete code numbers. The jobs in a group may be drawn from any number of 3-digit groups of the Occupational Group Arrangement. Within each worker trait group the 2-digit occupational divisions and 3-digit groups from which the jobs are drawn are identified by code numbers and modified titles. These modified titles or designations are used in the Worker Traits Arrangement of Titles and Codes (e.g., 20 Stenography, Typing, Filing, and Related Work; 206. Filing) and are restatements of the names of the divisions and 3-digit groups that appear in the Occupational Group Arrangement (e.g., 20 Stenography, Typing, Filing, and Related Occupations; 206. File Clerks) oriented toward fields of work rather than specific occupations.

Example:

20	**STENOGRAPHY, TYPING, FILING, AND RELATED WORK**
204.	**Correspondence Work**
204.388	CORRESPONDENCE-REVIEW CLERK (clerical)
205.	**Personnel Work**
205.388	CIVIL SERVICE CLERK (gov. ser.)
206.	**Filing**
206.388	CUT MAN (print. & pub.)
	FILE CLERK (clerical) I
	RECORD CLERK (clerical) II
	FILE CLERK (clerical) II
	CLASSIFICATION CLERK (clerical)
	LIBRARIAN (print. & pub.)
	FINGERPRINT CLERK (gov. ser.) II
	RECORDS CUSTODIAN (banking)

[2] Only base and defined related titles are given. A complete listing of all undefined related and alternate titles for the jobs in each classification may be found in the Occupational Group Arrangement of Titles and Codes.

Special Exclusions

Two types of titles included in volume I are not coded and therefore are not listed in either classification arrangement of titles and codes. They are the titles of *term definitions* and *master definitions*.[3]

Certain occupational titles listed in the Occupational Group Arrangement of Titles and Codes are not listed in the Worker Traits Arrangement. They are: GRADUATE ASSISTANT (education) 090.999; DOMESTIC COUPLE (dom. ser.) 309.999; CAMP COUPLE (logging) 319.999; COUPLE, LODGING FACILITIES (hotel & rest.) 329.999; RESORT COUPLE (hotel & rest.) 329.999; ENLISTED MAN (gov. ser.) 378.999; ENLISTED WOMAN (gov. ser.) 378.999; DAIRY COUPLE (agric.) 423.999; FARM COUPLE (agric.) 423.999; and RANCH COUPLE (agric.) 423.999.

Because of the diverse nature of the work situations and the trait requirements, it is not possible to distinguish the appropriate levels of complexity in these jobs. These last three digits, .999, do not represent trait requirements, and, therefore, these titles are not included in the Worker Traits Arrangement.[4]

When users of this publication need additional job definitions, new code numbers, or clarification of the classifications, they should write to the U.S. Employment Service, Bureau of Employment Security, Department of Labor, Washington, D.C., 20210. Inquiries and suggestions will be useful in further development of this document.

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[3] More complete information about these titles may be found in the introduction to vol. I.

[4] Previous editions of the Dictionary indicated that no code number ending with the digit 9 was used to identify a defined occupation. Codes ending with the digit 9 were reserved to assign temporary classifications to those jobs not yet defined and coded in the Dictionary. This technique is not used in this edition of the Dictionary.

OCCUPATIONAL CATEGORIES, DIVISIONS, AND GROUPS

OCCUPATIONAL CATEGORIES

0, 1 Professional, technical, and managerial occupations
2 Clerical and sales occupations
3 Service occupations
4 Farming, fishery, forestry, and related occupations
5 Processing occupations
6 Machines trades occupations
7 Bench work occupations
8 Structural work occupations
9 Miscellaneous occupations

TWO-DIGIT OCCUPATIONAL DIVISIONS

PROFESSIONAL, TECHNICAL, AND MANAGERIAL OCCUPATIONS

00, 01 Occupations in architecture and engineering
02 Occupations in mathematics and physical sciences
04 Occupations in life sciences
05 Occupations in social sciences
07 Occupations in medicine and health
09 Occupations in education
10 Occupations in museum, library, and archival sciences
11 Occupations in law and jurisprudence
12 Occupations in religion and theology
13 Occupations in writing
14 Occupations in art
15 Occupations in entertainment and recreation
16 Occupations in administrative specializations
18 Managers and officials, n.e.c.
19 Miscellaneous professional, technical, and managerial occupations

CLERICAL AND SALES OCCUPATIONS

20 Stenography, typing, filing, and related occupations
21 Computing and account-recording occupations
22 Material and production recording occupations
23 Information and message distribution occupations
24 Miscellaneous clerical occupations
25 Salesmen, services
26, 27, 28 Salesmen and salespersons, commodities
29 Merchandising occupations, except salesmen

SERVICE OCCUPATIONS

30 Domestic service occupations
31 Food and beverage preparation and service occupations
32 Lodging and related service occupations
33 Barbering, cosmetology, and related service occupations
34 Amusement and recreation service occupations
35 Miscellaneous personal service occupations
36 Apparel and furnishings service occupations
37 Protective service occupations
38 Building and related service occupations

FARMING, FISHERY, FORESTRY, AND RELATED OCCUPATIONS

40 Plant farming occupations
41 Animal farming occupations
42 Miscellaneous farming and related occupations
43 Fishery and related occupations
44 Forestry occupations
45 Hunting, trapping, and related occupations
46 Agricultural service occupations

PROCESSING OCCUPATIONS

50 Occupations in processing of metal
51 Ore refining and foundry occupations
52 Occupations in processing of food, tobacco, and related products
53 Occupations in processing of paper and related materials
54 Occupations in processing of petroleum, coal, natural and manufactured gas, and related products
55 Occupations in processing of chemicals, plastics, synthetics, rubber, paint, and related products
56 Occupations in processing of wood and wood products
57 Occupations in processing of stone, clay, glass, and related products
58 Occupations in processing of leather, textiles, and related products
59 Processing occupations, n.e.c.

MACHINE TRADES OCCUPATIONS

60 Metal machining occupations
61 Metalworking occupations, n.e.c.
62, 63 Mechanics and machinery repairmen
64 Paperworking occupations
65 Printing occupations
66 Wood machining occupations
67 Occupations in machining stone, clay, glass, and related materials
68 Textile occupations
69 Machine trades occupations, n.e.c.

BENCH WORK OCCUPATIONS

70 Occupations in fabrication, assembly, and repair of metal products, n.e.c.
71 Occupations in fabrication and repair of scientific and medical apparatus, photographic and optical goods, watches and clocks, and related products
72 Occupations in assembly and repair of electrical equipment
73 Occupations in fabrication and repair of products made from assorted materials
74 Painting, decorating, and related occupations
75 Occupations in fabrication and repair of plastics, synthetics, rubber, and related products
76 Occupations in fabrication and repair of wood products
77 Occupations in fabrication and repair of sand, stone, clay, and glass products
78 Occupations in fabrication and repair of textile, leather, and related products
79 Bench work occupations, n.e.c.

STRUCTURAL WORK OCCUPATIONS

80 Occupations in metal fabricating, n.e.c.
81 Welders, flame cutters, and related occupations
82 Electrical assembling, installing, and repairing occupations
84 Painting, plastering, waterproofing, cementing, and related occupations
85 Excavating, grading, paving, and related occupations
86 Construction occupations, n.e.c.
89 Structural work occupations, n.e.c.

MISCELLANEOUS OCCUPATIONS

90 Motor freight occupations
91 Transportation occupations, n.e.c.
92 Packaging and materials handling occupations
93 Occupations in extraction of minerals
94 Occupations in logging
95 Occupations in production and distribution of utilities
96 Amusement, recreation, and motion picture occupations, n.e.c.
97 Occupations in graphic art work

THREE-DIGIT OCCUPATIONAL GROUPS

PROFESSIONAL, TECHNICAL, AND MANAGERIAL OCCUPATIONS

(PROFESSIONAL, TECHNICAL, AND MANAGERIAL WORK)*

00 } Occupations in Architecture and Engineering
01 } (Architecture and Engineering)

001. Architectural occupations
(Architecture)
002. Aeronautical engineering occupations
(Aeronautical engineering)
003. Electrical engineering occupations
(Electrical engineering)
005. Civil engineering occupations
(Civil engineering)
006. Ceramic engineering occupations
(Ceramic engineering)
007. Mechanical engineering occupations
(Mechanical engineering)
008. Chemical engineering occupations
(Chemical engineering)
010. Mining and petroleum engineering occupations
(Mining and petroleum engineering)
011. Metallurgy and metallurgical engineering occupations
(Metallurgy and metallurgical engineering)
012. Industrial engineering occupations
(Industrial engineering)
013. Agricultural engineering occupations
(Agricultural engineering)
014. Marine engineering occupations
(Marine engineering)
015. Nuclear engineering occupations
(Nuclear engineering)
017. Draftsmen, n.e.c.
(Drafting and related work)
018. Surveyors, n.e.c.
(Surveying and related work)
019. Occupations in architecture and engineering, n.e.c.
(Architecture and engineering, n.e.c.)

02 Occupations in Mathematics and Physical Sciences
(Mathematics and Physical Sciences)

020. Occupations in mathematics
(Mathematics)
021. Occupations in astronomy
(Astronomy)
022. Occupations in chemistry
(Chemistry)
023. Occupations in physics
(Physics)
024. Occupations in geology
(Geology)
025. Occupations in meteorology
(Meteorology)
029. Occupations in mathematics and physical sciences, n.e.c.
(Mathematics and physical sciences, n.e.c.)

04 Occupations in Life Sciences
(Life Sciences)

040. Occupations in agricultural sciences
(Agricultural sciences)

*NOTE.—The designations in parentheses are restatements of the names of the categories, divisions, and 3-digit groups of the Occupational Group Arrangement of Titles and Codes. They are used in the Worker Traits Arrangement of Titles and Codes to designate the occupational categories, divisions, and 3-digit groups as they appear within worker trait groups.

041. Occupations in biological sciences
(Biological sciences)
045. Occupations in psychology
(Psychology)
049. Occupations in life sciences, n.e.c.
(Life sciences, n.e.c.)

05 Occupations in Social Sciences
(Social Sciences)

050. Occupations in economics
(Economics)
051. Occupations in political science
(Political science)
052. Occupations in history
(History)
054. Occupations in sociology
(Sociology)
055. Occupations in anthropology
(Anthropology)
059. Occupations in social sciences, n.e.c.
(Social sciences, n.e.c.)

07 Occupations in Medicine and Health
(Medicine and Health)

070. Physicians and surgeons
(Medicine and surgery)
071. Osteopaths
(Osteopathy)
072. Dentists
(Dentistry)
073. Veterinarians
(Veterinary medicine and surgery)
074. Pharmacists
(Pharmacy)
075. Registered nurses
(Nursing)
077. Dietitians
(Dietetic work)
078. Occupations in medical and dental technology
(Medical and dental technology)
079. Occupations in medicine and health, n.e.c.
(Medicine and health, n.e.c.)

09 Occupations in Education
(Education)

090. Occupations in college and university education
(College and university education)
091. Occupations in secondary school education
(Secondary school education)
092. Occupations in primary school and kindergarten education
(Primary school and kindergarten education)
094. Occupations in education of the handicapped
(Education of the handicapped)
096. Home economists and farm advisers
(Home economics, agriculture, and related education)
097. Occupations in vocational education, n.e.c.
(Vocational education, n.e.c.)
099. Occupations in education, n.e.c.
(Education, n.e.c.)

10 Occupations in Museum, Library, and Archival Sciences
(Museum, Library, and Archival Sciences)

100. Librarians
(Library work)
101. Archivists
(Archival science work)
102. Museum curators and related occupations
(Museum and related work)
109. Occupations in museum, library, and archival sicences, n.e.c.
(Museum, library, and archival sciences, n.e.c.)

11 Occupations in Law and Jurisprudence
(Law and Jurisprudence)

110. Lawyers
(Legal work)
111. Judges
(Judicial work)
119. Occupations in law and jurisprudence, n.e.c.
(Law and jurisprudence, n.e.c.)

12 Occupations in Religion and Theology
(Religion and Theology)

120. Clergymen
(Ministerial work)
129. Occupations in religion and theology, n.e.c.
(Religion and theology, n.e.c.)

13 Occupations in Writing
(Writing)

130. Freelance writers
(Feelance writing)
131. Writers and editors, motion pictures, radio, and television
(Writing and editing, motion pictures, radio, and television)
132. Writers and editors, publications
(Writing and editing, publications)
137. Interpreters and translators
(Interpreting and translating)
139. Occupations in writing, n.e.c.
(Writing, n.e.c.)

14 Occupations in Art
(Art Work)

141. Commercial artists
(Commercial art)
142. Designers
(Designing)
143. Occupations in photography
(Photography)
144. Painters and related occupations
(Painting and related work)
148. Sculptors and related occupations
(Sculpturing and related work)
149. Occupations in art, n.e.c.
(Art work, n.e.c.)

15 Occupations in Entertainment and Recreation
(Entertainment and Recreation)

150. Occupations in dramatics
(Dramatics)
151. Occupations in dancing
(Dancing)
152. Occupations in music
(Music)
153. Occupations in athletics and sports
(Athletics and sports)
159. Occupations in entertainment and recreation, n.e.c.
(Entertainment and recreation, n.e.c.)

16 Occupations in Administrative Specializations
(Administrative Specialties)

160. Accountants and auditors
(Accounting and auditing)
161. Budget and management analysis occupations
(Budget and management analysis)
162. Purchasing management occupations
(Purchasing management)
163. Sales and distribution management occupations
(Sales and distribution management)
164. Advertising management occupations
(Advertising management)

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*NOTE.—The designations in parentheses are restatements of the names of the categories, divisions, and 3-digit groups of the Occupational Group Arrangement of Titles and Codes. They are used in the Worker Traits Arrangement of Titles and Codes to designate the occupational categories, divisions, and 3-digit groups as they appear within worker trait groups.

165. Public relations management occupations
(Public relations management)
166. Personnel and training administration occupations
(Personnel and training administration)
168. Inspectors and investigators, managerial and public service
(Inspecting and investigating, managerial and public service)
169. Occupations in administrative specializations, n.e.c.
(Administrative specialties, n.e.c.)

18 Managers and Officials, N.E.C.
(Managerial Work, N.E.C.)

180. Agriculture, forestry, and fishing industry managers and officials
(Agriculture, forestry, and fishing management)
181. Mining industry managers and officials
(Mining management)
182. Construction industry managers and officials
(Construction management)
183. Manufacturing industry managers and officials
(Manufacturing industry management)
184. Transportation, communication, and utilities industry managers and officials
(Transportation, communication, and utilities management)
185. Wholesale and retail trade managers and officials
(Wholesale and retail trade management)
186. Finance, insurance, and real estate managers and officials
(Finance, insurance, and real estate management)
187. Service industry managers and officials
(Service industry management)
188. Public administration managers and officials
(Public administration management)
189. Miscellaneous managers and officials, n.e.c.
(Miscellaneous managerial work, n.e.c.)

19 Miscellaneous Professional, Technical, and Managerial Occupations
(Miscellaneous Professional, Technical, and Managerial Work)

191. Agents and appraisers, n.e.c.
(Business relations work, n.e.c.)
193. Radio operators
(Radio operating)
194. Sound recording, transcribing, and reproduction occupations
(Sound recording, transcribing, and reproducing)
195. Occupations in social and welfare work
(Social and welfare work)
196. Airplane pilots and navigators
(Airplane piloting and navigating)
197. Ship captains, mates, pilots, and engineers
(Managerial and technical work, water transportation)
198. Railroad conductors
(Managerial work, railroad transportation)
199. Miscellaneous professional, technical, and managerial occupations, n.e.c.
(Miscellaneous professional, technical, and managerial work, n.e.c.)

CLERICAL AND SALES OCCUPATIONS

(CLERICAL AND SALES WORK)

20 Stenography, Typing, Filing, and Related Occupations
(Stenography, Typing, Filing, and Related Work)

201. Secretaries
(Secretarial work)
202. Stenographers
(Stenography)
203. Typists
(Typing)
204. Correspondence clerks
(Correspondence work)
205. Personnel clerks
(Personnel work)
206. File clerks
(Filing)
207. Duplicating-machine operators
(Duplicating-machine work)

208. Miscellaneous office machine operators
(Miscellaneous office machine work)
209. Stenography, typing, filing, and related occupations, n.e.c.
(Stenography, typing, filing, and related work, n.e.c.)

21 Computing and Account-Recording Occupations
(Computing and Account Recording)

210. Bookkeepers
(Bookkeeping)
211. Cashiers
(Cashiering)
212. Tellers
(Teller service)
213. Automatic data-processing-equipment operators
(Automatic data processing)
214. Billing-machine operators
(Billing-machine work)
215. Bookkeeping-machine operators
(Bookkeeping-machine work)
216. Computing-machine operators
(Computing-machine work)
217. Account-recording-machine operators, n.e.c.
(Account-recording-machine work, n.e.c.)
219. Computing and account-recording occupations, n.e.c.
(Computing and account recording, n.e.c.)

22 Material and Production Recording Occupations
(Material and Production Recording)

221. Production clerks
(Clerical work, production)
222. Shipping and receiving clerks
(Clerical work, shipping and receiving)
223. Stock clerks and related occupations
(Stock checking and related work)
224. Weighers
(Weighing)
229. Material and production recording occupations, n.e.c.
(Material and production recording, n.e.c.)

23 Information and Message Distribution Occupations
(Information and Message Distribution)

230. Messengers, errand boys, and office boys and girls
(Messenger and related work)
231. Mail clerks
(Mail sorting, stamping, recording, routing, and related work)
232. Post office clerks
(Clerical work, post office)
233. Mail carriers
(Mail delivery)
234. Mail-preparing- and mail-handling-machine operators
(Mail-preparing- and mail-handling-machine work)
235. Telephone operators
(Telephone work)
236. Telegraph operators
(Telegraph work)
237. Receptionists and information clerks
(Reception and information dispensing work)
239. Information and message distribution occupations, n.e.c.
(Information and message distribution, n.e.c.)

24 Miscellaneous Clerical Occupations
(Miscellaneous Clerical Work)

240. Collectors
(Collecting)
241. Adjusters
(Adjusting)
242. Hotel clerks, n.e.c.
(Hotel desk work, n.e.c.)

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*NOTE.—The designations in parentheses are restatements of the names of the categories, divisions, and 3-digit groups of the Occupational Group Arrangement of Titles and Codes. They are used in the Worker Traits Arrangement of Titles and Codes to designate the occupational categories, divisions, and 3-digit groups as they appear within worker trait groups.

243. Direct service clerks, n.e.c.
(Clerical work, direct service, n.e.c.)
249. Miscellaneous clerical occupations, n.e.c.
(Miscellaneous clerical work, n.e.c.)

25 Salesmen, Services
(Saleswork, Services)

250. Salesmen, real estate and insurance
(Saleswork, real estate and insurance)
251. Salesmen, securities
(Saleswork, securities)
252. Salesmen, business and financial services
(Saleswork, business and financial services)
253. Salesmen, radio and television broadcasting services
(Saleswork, radio and television broadcasting services)
254. Salesmen, hotel services
(Saleswork, hotel services)
255. Salesmen, transportation services
(Saleswork, transportation services)
256. Salesmen, maintenance and repair services
(Saleswork, maintenance and repair services)
257. Salesmen, utilities
(Saleswork, utilities)
258. Salesmen, printing and advertising
(Saleswork, printing and advertising)
259. Salesmen, services, n.e.c.
(Saleswork, services, n.e.c.)

26, 27, 28 Salesmen and Salespersons, Commodities
(Saleswork, Commodities)

260. Salesmen and salespersons, horticultural and nursery products
(Saleswork, horticultural and nursery products)
261. Salesmen and salespersons, agricultural products, n.e.c.
(Saleswork, agricultural products, n.e.c.)
262. Salesmen and salespersons, foodstuffs, beverages, and tobacco
(Saleswork, foodstuffs, beverages, and tobacco)
263. Salesmen and salespersons, textiles, textile products, and apparel
(Saleswork, textiles, textile products, and apparel)
264. Salesmen and salespersons, leather and leather products
(Saleswork, leather and leather products)
265. Salesmen and salespersons, paper and paper products
(Saleswork, paper and paper products)
266. Salesmen and salespersons, chemicals and drug preparations
(Saleswork, chemicals and drug preparations)
267. Salesmen and salespersons, fuel and petroleum products
(Saleswork, fuel and petroleum products)
268. Salesmen and salespersons, plastics products
(Saleswork, plastics products)
270. Salesmen and salespersons, rubber products
(Saleswork, rubber products)
271. Salesmen and salespersons, stone, clay, and glass products
(Saleswork, stone, clay, and glass products)
273. Salesmen and salespersons, metal and metal products
(Saleswork, metal and metal products)
274. Salesmen and salespersons, housefurnishings
(Saleswork, housefurnishings)
275. Salesmen and salespersons, hotel and restaurant equipment and supplies
(Saleswork, hotel and restaurant equipment and supplies)
276. Salesmen and salespersons, industrial, construction, mining, and drilling equipment and supplies
(Saleswork, industrial, construction, mining, and drilling equipment and supplies)
277. Salesmen and salespersons, farm and garden equipment and supplies
(Saleswork, farm and garden equipment and supplies)
278. Salesmen and salespersons, household appliances and electrical machinery, equipment, and supplies
(Saleswork, household appliances and electrical machinery, equipment, and supplies)
280. Salesmen and salespersons, transportation equipment
(Saleswork, transportation equipment)
281. Salesmen and salespersons, business and commercial machines, equipment, and supplies
(Saleswork, business and commercial machines, equipment, and supplies)

282. Salesmen and salespersons, medical and dental equipment, supplies, and appliances
(Saleswork, medical and dental equipment, supplies, and appliances)
283. Salesmen and salespersons, jewelry and silverware
(Saleswork, jewelry and silverware)
284. Salesmen and salespersons, scientific apparatus
(Saleswork, scientific apparatus)
285. Salesmen and salespersons, photographic equipment and supplies
(Saleswork, photographic equipment and supplies)
286. Salesmen and salespersons, amusement and sporting goods
(Saleswork, amusement and sporting goods)
287. Salesmen and salespersons, music and musical instruments
(Saleswork, music and musical instruments)
289. Salesmen and salespersons, commodities, n.e.c.
(Saleswork, commodities, n.e.c.)

29 Merchandising Occupations, Except Salesmen
(Miscellaneous Merchandising Work)

290. Sales clerks
(Sales clerking)
291. Peddlers
(Peddling)
292. Routemen
(Route work)
293. Canvassers and solicitors
(Canvassing and soliciting)
294. Auctioneers
(Auctioneering)
296. Shoppers
(Shopping)
297. Demonstrators and models
(Demonstrating and modeling)
298. Display men and window trimmers
(Display work)
299. Merchandising occupations, except salesmen, n.e.c.
(Miscellaneous merchandising work, n.e.c.)

SERVICE OCCUPATIONS

(SERVICES)

30 Domestic Service Occupations
(Domestic Services)

301. Day workers
(Day work)
302. Laundresses, private family
(Laundry work, private family)
303. Housekeepers, private family
(Housekeeping, private family)
304. Housemen and yardmen
(Housemen and yard work)
305. Cooks, domestic
(Domestic cooking)
306. Maids, domestic
(Housework, domestic)
307. Nursemaids
(Nursemaid work)
309. Domestic service occupations, n.e.c.
(Domestic services, n.e.c.)

31 Food and Beverage Preparation and Service Occupations
(Food and Beverage Preparation and Service)

310. Hostesses and stewards, food and beverage service, except ship stewards
(Food and beverage service, except ship stewards)
311. Waiters, waitresses, and related food serving occupations
(Food serving)
312. Bartenders
(Bartending)

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313. Chefs and cooks, large hotels and restaurants
(Cooking, large hotels and restaurants)
314. Chefs and cooks, small hotels and restaurants
(Cooking, small hotels and restaurants)
315. Miscellaneous cooks, except domestic
(Miscellaneous cooking, except domestic)
316. Meatcutters, except in slaughtering and packing houses
(Meatcutting, except in slaughtering and packing houses)
317. Miscellaneous food and beverage preparation occupations
(Miscellaneous food and beverage preparation)
318. Kitchen workers, n.e.c.
(Kitchen work, n.e.c.)
319. Food and beverage preparation and service occupations, n.e.c.
(Food and beverage preparation and service, n.e.c.)

32 Lodging and Related Service Occupations
(Lodging and Related Services)

320. Boardinghouse and lodginghouse keepers
(Boardinghouse and lodginghouse keeping)
321. Housekeepers, hotels and institutions
(Housekeeping, hotels and institutions)
323. Maids and housemen, hotels, restaurants, and related establishments
(Maid and related services, hotels, restaurants, and related establishments)
324. Bellmen and related occupations
(Bellman and related services)
329. Lodging and related service occupations, n.e.c.
(Lodging and related services, n.e.c.)

33 Barbering, Cosmetology, and Related Service Occupations
(Barbering, Cosmetology, and Related Services)

330. Barbers
(Barbering and related services)
331. Manicurists
(Manicuring)
332. Hairdressers and cosmetologists
(Beautician services)
333. Make-up occupations
(Make-up, theatrical)
334. Masseurs and related occupations
(Masseur and related services)
335. Bath attendants
(Bath attendant work)
338. Embalmers and related occupations
(Embalming)
339. Barbering, cosmetology, and related service occupations, n.e.c.
(Barbering, cosmetology, and related services, n.e.c.)

34 Amusement and Recreation Service Occupations
(Amusement and Recreation Services)

340. Attendants, bowling alley and billiard parlor
(Bowling alley and billiard parlor services)
341. Attendants, golf course, tennis court, skating rink, and related facilities
(Golf course, tennis court, skating rink, and related services)
342. Amusement device and concession attendants
(Amusement device and concession work)
343. Gambling hall attendants
(Gambling hall services)
344. Ushers
(Ushering)
346. Wardrobe and dressing-room attendants
(Wardrobe and dressing-room services)
349. Amusement and recreation service occupations, n.e.c.
(Amusement and recreation services, n.e.c.)

35 Miscellaneous Personal Service Occupations
(Miscellaneous Personal Services)

350. Ship stewards and related occupations
(Ship steward service)
351. Pullman porters and train attendants
(Rail passenger service)
352. Hostesses and stewards, n.e.c.
(Hostess and steward service, n.e.c.)

353. Guides, except hunting and fishing
(Guide service, except hunting and fishing)
354. Unlicensed midwives and practical nurses
(Unlicensed midwife and practical nursing services)
355. Attendants, hospitals, morgues, and related health services
(Attendant work, hospitals, morgues, and related health services)
356. Occupations in animal care, n.e.c.
(Animal care, n.e.c.)
357. Baggage porters
(Baggage porter service)
358. Checkroom, locker room, and restroom attendants
(Checkroom, locker room, and restroom services)
359. Miscellaneous personal service occupations, n.e.c.
(Miscellaneous personal services, n.e.c.)

36 Apparel and Furnishings Service Occupations
(Apparel and Furnishings Services)

361. Laundering occupations
(Laundering service)
362. Dry cleaning occupations
(Dry cleaning service)
363. Pressing occupations
(Pressing service)
364. Dyeing and related occupations
(Dyeing and related services)
365. Shoe and luggage repairmen and related occupations
(Shoe and luggage repair and related services)
366. Bootblacks and related occupations
(Shoe shining and related services)
369. Apparel and furnishings service occupations, n.e.c.
(Apparel and furnishings services, n.e.c.)

37 Protective Service Occupations
(Protective Services)

371. Crossing watchmen and bridge tenders
(Bridge tending and crossing guard services)
372. Guards and watchmen, except crossing watchmen
(Guard and related services)
373. Firemen, fire department
(Fire protection service)
375. Policemen and detectives, public service
(Police and related work, public service)
376. Policemen and detectives, except in public service
(Police and related work, except in public service)
377. Sheriffs and bailiffs
(Law enforcement work, n.e.c.)
378. Soldiers, sailors, marines, airmen, and coast guardsmen, n.e.c.
(Military service)
379. Protective service occupations, n.e.c.
(Protective services, n.e.c.)

38 Building and Related Service Occupations
(Building and Related Services)

381. Porters and cleaners
(Cleaning and related services)
382. Janitors
(Janitorial service)
388. Elevator operators
(Elevator service)
389. Building and related service occupations, n.e.c.
(Building and related services, n.e.c.)

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FARMING, FISHERY, FORESTRY, AND RELATED OCCUPATIONS

(FARMING, FISHERY, FORESTRY, AND RELATED WORK)

40 Plant Farming Occupations
(Plant Farming)

401. Grain farming occupations
(Grain farming)
402. Cotton farming occupations
(Cotton farming)
403. Vegetable farming occupations
(Vegetable farming)
404. Fruit and nut farming occupations
(Fruit and nut farming)
405. Crop specialty farming occupations
(Crop specialty farming)
406. Horticultural specialty occupations
(Horticultural specialty work)
407. Gardening and groundskeeping occupations
(Gardening and groundskeeping)
409. Plant farming occupations, n.e.c.
(Plant farming, n.e.c.)

41 Animal Farming Occupations
(Animal Farming)

411. Dairy farming occupations
(Dairy farming)
412. Poultry farming occupations
(Poultry farming)
413. Livestock farming occupations
(Livestock farming)
419. Animal farming occúpations, n.e.c.
(Animal farming, n.e.c.)

42 Miscellaneous Farming and Related Occupations
(Miscellaneous Farming and Related Work)

421. General farming occupations
(General farming)
422. Farm irrigation workers
(Farm irrigation)
423. Farm couples
(Farm couples)
424. Farm machinery operators, n.e.c.
(Farm machinery operating, n.e.c.)
429. Miscellaneous farming and related occupations, n.e.c.
(Miscellaneous farming and related work, n.e.c.)

43 Fishery and Related Occupations
(Fishery and Related Work)

431. Net, seine, and trap fishermen
(Net, seine, and trap fishing)
432. Line fishermen
(Line fishing)
433. Fishermen, miscellaneous gear
(Fishing, miscellaneous gear)
435. Whaling occupations
(Whaling)
436. Marine life cultivation and related occupations
(Marine life cultivation and related work)
437. Sponge and seaweed gatherers
(Sponge and seaweed gathering)
439. Fishery and related occupations, n.e.c.
(Fishery and related work, n.e.c.)

44 Forestry Occupations
(Forestry)

441. Forest conservation occupations
(Forest conservation work)
442. Occupations in production of forest products, except logging
(Forest products production, except logging)
449. Forestry occupations, n.e.c.
(Forestry, n.e.c.)

45 Hunting, Trapping, and Related Occupations
(Hunting, Trapping, and Related Services)

451. Hunting and trapping occupations
(Hunting and trapping)
452. Hunting and fishing guides
(Guide services, hunting and fishing)

46 Agricultural Service Occupations
(Agricultural Services)

461. Cotton ginning and compressing occupations
(Cotton ginning and compressing)
465. Blight and pest control and bindweed eradication occupations
(Blight and pest control and bindweed eradication)
466. Animal caretaking occupations
(Animal care)
467. Animal husbandry service occupations
(Animal husbandry services)
469. Agricultural service occupations, n.e.c.
(Agricultural services, n.e.c.)

PROCESSING OCCUPATIONS

(PROCESSING)

50 Occupations in Processing of Metal
(Metal Processing)

500. Electroplating occupations
(Electroplating)
501. Dip plating occupations
(Dip plating)
502. Melting, pouring, casting, and related occupations
(Melting, pouring, casting, and related work)
503. Pickling, cleaning, degreasing, and related occupations
(Pickling, cleaning, degreasing, and related work)
504. Heat-treating occupations
(Heat treating)
505. Metal spraying, coating, and related occupations
(Metal spraying, coating, and related work)
509. Occupations in processing of metal, n.e.c.
(Metal processing, n.e.c.)

51 Ore Refining and Foundry Occupations
(Ore Refining and Foundry Work)

510. Mixing and related occupations
(Mixing and related work)
511. Separating, filtering, and related occupations
(Separating, filtering, and related work)
512. Melting occupations
(Melting)
513. Roasting occupations
(Roasting)
514. Pouring and casting occupations
(Pouring and casting)
515. Crushing and grinding occupations
(Crushing and grinding)
518. Molders, coremakers, and related occupations
(Molding, coremaking, and related work)
519. Ore refining and foundry occupations, n.e.c.
(Ore refining and foundry work, n.e.c.)

52 Occupations in Processing of Food, Tobacco, and Related Products
(Processing, Food and Related Products)

520. Mixing, compounding, blending, kneading, shaping, and related occupations
(Mixing, compounding, blending, kneading, shaping, and related work)
521. Separating, crushing, milling, chopping, grinding, and related occupations
(Separating, crushing, milling, chopping, grinding, and related work)
522. Culturing, melting, fermenting, distilling, saturating, pickling, aging, and related occupations
(Culturing, melting, fermenting, distilling, saturating, pickling, aging, and related work)
523. Heating, rendering, melting, drying, cooling, freezing, and related occupations
(Heating, rendering, melting, drying, cooling, freezing, and related work)

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524. Coating, icing, decorating, and related occupations
(Coating, icing, decorating, and related work)
525. Slaughtering, breaking, curing, and related occupations
(Slaughtering, breaking, curing, and related work)
526. Cooking and baking occupations, n.e.c.
(Cooking and baking, n.e.c.)
529. Occupations in processing of food, tobacco, and related products, n.e.c.
(Processing, food and related products, n.e.c.)

53 Occupations in Processing of Paper and Related Materials
(Processing, Paper and Related Materials)

530. Grinding, beating, and mixing occupations
(Grinding, beating, and mixing)
532. Cooking and drying occupations
(Cooking and drying)
533. Cooling, bleaching, screening, washing, and related occupations
(Cooling, bleaching, screening, washing, and related work)
534. Calendering, sizing, coating, and related occupations
(Calendering, sizing, coating, and related work)
535. Forming occupations, n.e.c.
(Forming, n.e.c.)
539. Occupations in processing of paper and related materials, n.e.c.
(Processing, paper and related materials, n.e.c.)

54 Occupations in Processing of Petroleum, Coal, Natural and Manufactured Gas, and Related Products
(Processing, Petroleum and Related Products)

540. Mixing and blending occupations
(Mixing and blending)
541. Filtering, straining, and separating occupations
(Filtering, straining, and separating)
542. Distilling, subliming, and carbonizing occupations
(Distilling, subliming, and carbonizing)
543. Drying, heating, and melting occupations
(Drying, heating, and melting)
544. Grinding and crushing occupations
(Grinding and crushing)
546. Reacting occupations, n.e.c.
(Reacting, n.e.c.)
549. Occupations in processing of petroleum, coal, natural and manufactured gas, and related products, n.e.c.
(Processing, petroleum and related products, n.e.c.)

55 Occupations in Processing of Chemicals, Plastics, Synthetics, Rubber, Paint, and Related Products
(Processing, Chemicals and Related Products)

550. Mixing and blending occupations
(Mixing and blending)
551. Filtering, straining, and separating occupations
(Filtering, straining, and separating)
552. Distilling occupations
(Distilling)
553. Heating, baking, drying, seasoning, melting, and heat-treating occupations
(Heating, baking, seasoning, melting, and heat treating)
554. Coating, calendering, laminating, and finishing occupations
(Coating, calendering, laminating, and finishing)
555. Grinding and crushing occupations
(Grinding and crushing)
556. Casting and molding occupations, n.e.c.
(Casting and molding, n.e.c.)
557. Extruding occupations
(Extruding)
558. Reacting occupations, n.e.c.
(Reacting, n.e.c.)
559. Occupations in processing of chemicals, plastics, synthetics, rubber, paint, and related products, n.e.c.
(Processing, chemicals and related products, n.e.c.)

56 Occupations in Processing of Wood and Wood Products
(Processing, Wood and Wood Products)

560. Mixing and related occupations
(Mixing and related work)
561. Wood preserving and related occupations
(Wood preserving and related work)

562. Saturating, coating, and related occupations, n.e.c.
(Saturating and related work, n.e.c.)
563. Drying, seasoning, and related occupations
(Drying, seasoning, and related work)
569. Occupations in processing of wood and wood products, n.e.c.
(Processing, wood and wood products, n.e.c.)

57 Occupations in Processing of Stone, Clay, Glass, and Related Products
(Processing, Nonmetallic Minerals and Related Products)

570. Crushing, grinding, and mixing occupations
(Crushing, grinding, and mixing)
571. Separating occupations
(Separating)
572. Melting occupations
(Melting)
573. Baking, drying, and heat-treating occupations
(Baking, drying, and heat treating)
574. Impregnating, coating, and glazing occupations
(Impregnating, coating, and glazing)
575. Forming occupations
(Forming)
579. Occupations in processing of stone, clay, glass, and related products, n.e.c.
(Processing, nonmetallic minerals and related products, n.e.c.)

58 Occupations in Processing of Leather, Textiles, and Related Products
(Processing, Leather and Textiles)

580. Shaping, blocking, stretching, and tentering occupations
(Shaping, blocking, stretching, and tentering)
581. Separating, filtering, and drying occupations
(Separating, filtering, and drying)
582. Washing, steaming, and saturating occupations
(Washing, steaming, and saturating)
583. Ironing, pressing, glazing, staking, calendering, and embossing occupations)
(Ironing, pressing, glazing, staking, calendering, and embossing)
584. Mercerizing, coating, and laminating occupations
(Mercerizing, coating, and laminating)
585. Singeing, cutting, shearing, shaving, and napping occupations
(Singeing, cutting, shearing, shaving, and napping)
586. Felting and fulling occupations
(Felting and fulling)
587. Brushing and shrinking occupations
(Brushing and shrinking)
589. Occupations in processing of leather, textiles, and related products, n.e.c.
(Processing, leather and textiles, n.e.c.)

59 Processing Occupations, N.E.C.
(Processing, N.E.C.)

590. Occupations in processing products from assorted materials
(Processing, assorted materials)
599. Miscellaneous processing occupations, n.e.c.
(Miscellaneous processing, n.e.c.)

MACHINE TRADES OCCUPATIONS

(MACHINE TRADES)

60 Metal Machining Occupations
(Metal Machining)

600. Machinists and related occupations
(Machining and related work)
601. Toolmakers and related occupations
(Toolmaking and related work)
602. Gear machining occupations
(Gear machining)
603. Abrading occupations
(Abrading)

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604. **Turning occupations**
(Turning)
605. Milling and planing occupations
(Milling and planing)
606. Boring occupations
(Boring)
607. Sawing occupations
(Sawing)
609. Metal machining occupations, n.e.c.
(Metal machining, n.e.c.)

61 Metalworking Occupations, N.E.C.
(Metalworking, N.E.C.)

610. Hammer forging occupations
(Hammer forging)
611. Press forging occupations
(Press forging)
612. Forging occupations, n.e.c.
(Forging, n.e.c.)
613. Sheet and bar rolling occupations
(Sheet and bar rolling)
614. Extruding and drawing occupations
(Extruding and drawing)
615. Punching and shearing occupations
(Punching and shearing)
616. Fabricating machine occupations
(Fabricating machine work)
617. Forming occupations, n.e.c.
(Metal forming, n.e.c.)
619. Miscellaneous metalworking occupations, n.e.c.
(Miscellaneous metalworking, n.e.c.)

62, 63 Mechanics and Machinery Repairmen
(Mechanical Repairing)

620. Motorized vehicle and engineering equipment mechanics and repairmen
(Motorized vehicle and engineering equipment repairing)
621. Aircraft mechanics and repairmen
(Aircraft repairing)
622. Rail equipment mechanics and repairmen
(Rail equipment repairing)
623. Marine mechanics and repairmen
(Marine equipment repairing)
624. Farm mechanics and repairmen
(Farm machinery repairing)
625. Engine, power transmission, and related mechanics
(Engine, power transmission, and related equipment repairing)
626. Metalworking machinery mechanics
(Metalworking machinery repairing)
627. Printing and publishing mechanics and repairmen
(Printing and publishing machinery repairing)
628. Textile machinery and equipment mechanics and repairmen
(Textile machinery and equipment repairing)
629. Special industry machinery mechanics
(Special industry machinery repairing)
630. General industry mechanics and repairmen
(General industry machinery repairing)
631. Powerplant mechanics and repairmen
(Powerplant machinery repairing)
632. Ordnance and accessories mechanics and repairmen
(Ordnance and accessory repairing)
633. Business and commercial machine repairmen
(Business and commercial machine repairing)
637. Utilities service mechanics and repairmen
(Utility equipment repairing)
638. Miscellaneous occupations in machine installation and repair
(Miscellaneous machine installation and repairing)
639. Mechanics and machinery repairmen, n.e.c.
(Mechanical repairing, n.e.c.)

64 Paperworking Occupations
(Paperworking)

640. Paper cutting, winding, and related occupations
(Paper cutting, winding, and related work)

641. Folding, creasing, scoring, and gluing occupations
(Folding, creasing, scoring, and gluing)
642. Paper sewing occupations
(Paper sewing)
643. Corrugating occupations
(Paper corrugating)
644. Fastening occupations, n.e.c.
(Paper fastening, n.e.c.)
649. Paperworking occupations, n.e.c.
(Paperworking, n.e.c.)

65 Printing Occupations
(Printing)

650. Typesetters and composers
(Typesetting and composing)
651. Printing press occupations
(Printing press work)
652. Printing machine occupations
(Printing machine work)
653. Bookbinders and related occupations
(Bookbinding and related work)
654. Typecasters and related occupations
(Typecasting and related work)
659. Printing occupations, n.e.c.
(Printing, n.e.c.)

66 Wood Machining Occupations
(Wood Machining)

660. Cabinetmakers
(Cabinetmaking)
661. Patternmakers
(Patternmaking)
662. Sanding occupations
(Sanding)
663. Shearing and shaving occupations
(Shearing and shaving)
664. Turning occupations
(Turning)
665. Milling and planing occupations
(Milling and planing)
666. Boring occupations
(Boring)
667. Sawing occupations
(Sawing)
668. Chipping occupations
(Chipping)
669. Wood machining occupations, n.e.c.
(Wood machining, n.e.c.)

67 Occupations in Machining Stone, Clay, Glass, and Related Materials
(Machining, Nonmetallic Minerals and Related Materials)

670. Stonecutters and related occupations
(Stonecutting and related work)
673. Abrading occupations
(Abrading and polishing)
674. Turning occupations
(Turning)
675. Planing and shaping occupations, n.e.c.
(Planing and shaping, n.e.c.)
676. Boring and punching occupations
(Boring and punching)
677. Chipping, cutting, sawing, and related occupations
(Chipping, cutting, sawing, and related work)
679. Occupations in machining stone, clay, glass, and related materials, n.e.c.
(Machining, nonmetallic minerals and related materials, n.e.c.)

68 Textile Occupations
(Textile Machine Work)

680. Carding combing, drawing, and related occupations
(Carding, combing, drawing, and related work)

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681. Twisting, beaming, warping, and related occupations
(Twisting, beaming, warping, and related work)
682. Spinning occupations
(Spinning)
683. Weavers and related occupations
(Weaving and related work)
684. Hosiery knitting occupations
(Hosiery knitting)
685. Knitting occupations, except hosiery
(Knitting, except hosiery)
686. Punching, cutting, forming, and related occupations
(Punching, cutting, forming, and related work)
689. Textile occupations, n.e.c.
(Textile machine work, n.e.c.)

69 Machine Trades Occupations, N.E.C.
(Machine Work, N.E.C.)

690. Plastics, synthetics, rubber, and leather working occupations
(Plastics, synthetics, rubber, and leather working)
691. Occupations in fabrication of insulated wire and cable
(Insulated wire and cable fabricating)
692. Occupations in fabrication of products from assorted materials
(Fabrication of products from assorted materials)
693. Modelmakers, patternmakers, and related occupations
(Modelmaking, patternmaking, and related work)
694. Occupations in fabrication of ordnance, ammunition, and related products, n.e.c.
(Fabrication of ordnance, ammunition, and related products, n.e.c.)
699. Miscellaneous machine trades occupations, n.e.c.
(Miscellaneous machine work, n.e.c.)

BENCH WORK OCCUPATIONS

(BENCH WORK)

70 Occupations in Fabrication, Assembly, and Repair of Metal Products, N.E.C.
(Fabrication, Assembly, and Repair of Metal Products, N.E.C.)

700. Occupations in fabrication, assembly, and repair of jewelry, silverware, and related products
(Fabrication, assembly, and repair of jewelry, silverware, and related products)
701. Occupations in fabrication, assembly, and repair of tools and related products
(Fabrication, assembly, and repair of tools and related products)
703. Occupations in assembly and repair of sheet-metal products, n.e.c.
(Sheet-metal products assembly and repair, n.e.c.)
704. Engravers, etchers, and related occupations
(Engraving, etching, and related work)
705. Filing, grinding, buffing, cleaning, and polishing occupations, n.e.c.
(Filing, grinding, buffing, cleaning, and polishing, n.e.c.)
706. Metal unit assemblers and adjusters, n.e.c.
(Metal unit assembling and adjusting, n.e.c.)
709. Miscellaneous occupations in fabrication, assembly, and repair of metal products, n.e.c.
(Fabrication, assembly, and repair of metal products, n.e.c.)

71 Occupations in Fabrication and Repair of Scientific and Medical Apparatus, Photographic and Optical Goods, Watches and Clocks, and Related Products
(Fabrication and Repair of Scientific and Medical Apparatus, Photographic and Optical Goods, Watches and Clocks, and Related Products)

710. Occupations in fabrication and repair of instruments for measuring, controlling, and indicating physical characteristics
(Fabrication and repair of instruments for measuring, controlling, and indicating physical characteristics)
711. Occupations in fabrication and repair of optical instruments and lenses
(Fabrication and repair of optical instruments and lenses)
712. Occupations in fabrication and repair of surgical, medical, and dental instruments and supplies
(Fabrication and repair of surgical, medical, and dental instruments and supplies)
713. Occupations in fabrication and repair of ophthalmic goods
(Fabrication and repair of ophthalmic goods)
714. Occupations in fabrication and repair of photographic equipment and supplies
(Fabrication and repair of photographic equipment and supplies)
715. Occupations in fabrication and repair of watches, clocks, and parts
(Fabrication and repair of watches, clocks, and parts)
716. Occupations in fabrication and repair of engineering and scientific instruments and equipment, n.e.c.
(Fabrication and repair of engineering and scientific instruments and equipment, n.e.c.)
719. Occupations in fabrication and repair of scientific and medical apparatus, photographic and optical goods, watches and clocks, and related products, n.e.c.
(Fabrication and repair of scientific and medical apparatus, photographic and optical goods, watches and clocks, and related products, n.e.c.)

72 Occupations in Assembly and Repair of Electrical Equipment
(Assembly and Repair of Electrical Equipment)

720. Occupations in assembly and repair of radio and television receiving sets and phonographs
(Assembly and repair of radio and television receiving sets and phonographs)
721. Occupations in assembly and repair of motors, generators, and related products
(Assembly and repair of motors, generators, and related products)
722. Occupations in assembly and repair of communications equipment
(Communications equipment assembly and repair)
723. Occupations in assembly and repair of electrical appliances and fixtures
(Assembly and repair of electrical appliances and fixtures)
724. Occupations in winding and assembling coils, magnets, armatures, and related products
(Winding and assembly of coils, magnets, armatures, and related products)
725. Occupations in assembly of light bulbs and electronic tubes
(Assembly of light bulbs and electronic tubes)
726. Occupations in assembly and repair of electronic components and accessories, n.e.c.
(Assembly and repair of electronic components and accessories, n.e.c.)
727. Occupations in assembly of storage batteries
(Storage battery assembly)
728. Occupations in fabrication of electrical wire and cable
(Fabrication of electrical wire and cable)
729. Occupations in assembly and repair of electrical equipment, n.e.c.
(Assembly and repair of electrical equipment, n.e.c.)

73 Occupations in Fabrication and Repair of Products Made from Assorted Materials
(Fabrication and Repair of Products Made from Assorted Materials)

730. Occupations in fabrication and repair of musical instruments and parts
(Fabrication and repair of musical instruments and parts)
731. Occupations in fabrication and repair of games and toys
(Fabrication and repair of games and toys)
732. Occupations in fabrication and repair of sporting goods
(Fabrication and repair of sporting goods)
733. Occupations in fabrication and repair of pens, pencils, and office and artists' materials, n.e.c.
(Fabrication and repair of pens, pencils, and office and artists' materials, n.e.c.)
734. Occupations in fabrication and repair of notions
(Fabrication of notions)
735. Occupations in fabrication and repair of jewelry, n.e.c.
(Fabrication and repair of jewelry, n.e.c.)
736. Occupations in fabrication and repair of ordnance and accessories
(Fabrication and repair of ordnance and accessories)
737. Occupations in fabrication of ammunition, fireworks, explosives, and related products
(Fabrication of ammunition, fireworks, explosives, and related products)
739. Occupations in fabrication and repair of products made from assorted materials, n.e.c.
(Fabrication and repair of products made from assorted materials, n.e.c.)

74 Painting, Decorating, and Related Occupations
(Painting, Decorating, and Related Work)

740. Painters, brush
(Brush painting)
741. Painters, spray
(Spray painting)
742. Staining, waxing, and related occupations
(Staining, waxing, and related work)
749. Painting, decorating, and related occupations, n.e.c.
(Painting, decorating, and related work, n.e.c.)

75 Occupations in Fabrication and Repair of Plastics, Synthetics, Rubber, and Related Products
(Fabrication and Repair of Plastics, Synthetics, Rubber, and Related Products)

750. Occupations in fabrication and repair of tires, tubes, tire treads, and related products
(Fabrication and repair of tires, tubes, tire treads, and related products)
751. Laying out and cutting occupations, n.e.c.
(Laying out and cutting, n.e.c.)
752. Fitting, shaping, cementing, finishing, and related occupations, n.e.c.
(Fitting, shaping, cementing, finishing, and related work, n.e.c.)
753. Occupations in fabrication and repair of rubber and plastic footwear
(Fabrication and repair of rubber and plastic footwear)
754. Occupations in fabrication and repair of miscellaneous plastics products
(Fabrication and repair of miscellaneous plastics products)

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759. Occupations in fabrication and repair of plastics, synthetics, rubber, and related products, n.e.c.
(Fabrication and repair of plastics, synthetics, rubber, and related products, n.e.c.)

76 Occupations in Fabrication and Repair of Wood Products
(Fabrication and Repair of Wood Products)

760. Bench carpenters and related occupations
(Bench carpentry and related work)
761. Occupations in laying out, cutting, carving, shaping, and sanding wood products, n.e.c.
(Laying out, cutting, carving, shaping, and sanding, n.e.c.)
762. Occupations in assembling wood products, n.e.c.
(Assembly of wood products, n.e.c.)
763. Occupations in fabrication and repair of furniture, n.e.c.
(Fabrication and repair of furniture, n.e.c.)
764. Cooperage occupations
(Cooperage)
769. Occupations in fabrication and repair of wood products, n.e.c.
(Fabrication and repair of wood products, n.e.c.)

77 Occupations in Fabrication and Repair of Sand, Stone, Clay, and Glass Products
(Fabrication and Repair of Sand, Stone, Clay, and Glass Products)

770. Occupations in fabrication and repair of jewelry, ornaments, and related products
(Fabrication and repair of jewelry, ornaments, and related products)
771. Stone cutters and carvers
(Stone cutting and carving)
772. Glass blowing, pressing, shaping, and related occupations, n.e.c.
(Glass blowing, pressing, shaping, and related work, n.e.c.)
773. Occupations in coloring and decorating brick, tile, and related products
(Coloring and decorating brick, tile, and related products)
774. Occupations in fabrication and repair of pottery and porcelain ware
(Fabrication and repair of pottery and porcelain ware)
775. Grinding, filing, polishing, frosting, etching, cleaning, and related occupations, n.e.c.
(Grinding, filing, polishing, frosting, etching, cleaning, and related work, n.e.c.)
776. Occupations in fabrication and repair of asbestos and polishing products, abrasives, and related materials
(Fabrication and repair of asbestos and polishing products, abrasives, and related materials)
777. Modelmakers, patternmakers, moldmakers, and related occupations
(Modelmaking, patternmaking, moldmaking, and related work)
779. Occupations in fabrication and repair of sand, stone, clay, and glass products, n.e.c.
(Fabrication and repair of sand, stone, clay, and glass products, n.e.c.)

78 Occupations in Fabrication and Repair of Textile, Leather, and Related Products
(Fabrication and Repair of Textile, Leather, and Related Products)

780. Occupations in upholstering and in fabrication and repair of mattresses and bedsprings
(Upholstering and mattress and bedspring fabrication and repair)
781. Laying out, marking, cutting, and punching occupations, n.e.c.
(Laying out, marking, cutting, and punching, n.e.c.)
782. Hand sewers, menders, embroiderers, knitters, and related occupations, n.e.c.
(Handsewing, mending, embroidering, knitting, and related work, n.e.c.)
783. Fur working occupations
(Fur working)
784. Occupations in fabrication and repair of hats, caps, gloves, and related products
(Fabrication and repair of hats, caps, gloves, and related products)
785. Tailors and dressmakers
(Tailoring and dressmaking)
786. Sewing machine operators, garment
(Machine sewing, garment)
787. Sewing machine operators, nongarment
(Machine sewing, nongarment)
788. Occupations in fabrication and repair of footwear
(Fabrication and repair of footwear)
789. Occupations in fabrication and repair of textile, leather, and related products, n.e.c.
(Fabrication and repair of textile, leather, and related products, n.e.c.)

79 Bench Work Occupations, N.E.C.
(Bench Work, N.E.C.)

790. Occupations in preparation of food, tobacco, and related products, n.e.c.
(Preparation of food, tobacco, and related products, n.e.c.)
794. Occupations in fabrication of paper products, n.e.c.
(Fabrication of paper products, n.e.c.)
799. Miscellaneous bench work occupations, n.e.c.
(Miscellaneous bench work, n.e.c.)

STRUCTURAL WORK OCCUPATIONS

(STRUCTURAL WORK)

80 Occupations in Metal Fabricating, N.E.C.
(Metal Fabricating, N.E.C.)

800. Riveters
(Riveting)
801. Fitting, bolting, screwing, and related occupations
(Fitting, bolting, screwing, and related work)
804. Tinsmiths, coppersmiths, and sheet metal workers
(Sheet metal work)
805. Boilermakers
(Boilermaking and related work)
806. Transportation equipment assemblers and related occupations
(Transportation equipment assembling and related work)
807. Bodymen, transportation equipment
(Body work, transportation equipment)
809. Miscellaneous occupations in metal fabricating, n.e.c.
(Miscellaneous metal fabricating, n.e.c.)

81 Welders, Flame Cutters, and Related Occupations
(Welding, Flame Cutting, and Related Work)

810. Arc welders
(Arc welding)
811. Gas welders
(Gas welding)
812. Combination arc welders and gas welders
(Combination arc and gas welding)
813. Resistance welders
(Resistance welding)
814. Brazing, braze-welding, and soldering occupations
(Brazing, braze-welding, and soldering)
815. Lead burning occupations
(Lead burning)
816. Flame cutters and arc cutters
(Flame and arc cutting)
819. Welders, flame cutters, and related occupations, n.e.c.
(Welding, flame cutting, and related work, n.e.c.)

82 Electrical Assembling, Installing, and Repairing Occupations
(Electrical Assembling, Installing, and Repairing)

820. Occupations in assembly, installation, and repair of generators, motors, accessories, and related powerplant equipment
(Generator, motor, and related powerplant equipment assembly, installation, and repair)
821. Occupations in assembly, installation, and repair of transmission and distribution lines and circuits
(Transmission and distribution line and circuit assembly, installation, and repair)
822. Occupations in assembly, installation, and repair of wire communication, detection, and signaling equipment
(Wire communication, detection, and signaling equipment assembly, installation, and repair)
823. Occupations in assembly, installation, and repair of electronic communication, detection, and signaling equipment
(Electronic communication, detection, and signaling equipment assembly, installation, and repair)
824. Occupations in assembly, installation, and repair of lighting equipment and building wiring, n.e.c.
(Lighting equipment and building wiring assembly, installation, and repair, n.e.c.)
825. Occupations in assembly, installation, and repair of transportation and materials handling equipment, n.e.c.
(Transportation and materials handling equipment assembly, installation, and repair, n.e.c.)
826. Occupations in assembly, installation, and repair of industrial apparatus, n.e.c.
(Industrial apparatus assembly, installation, and repair, n.e.c.)
827. Occupations in assembly, installation, and repair of large household appliances and similar commercial and industrial equipment
(Large household appliance and similar commercial and industrial equipment assembly, installation, and repair)
828. Occupations in fabrication, installation, and repair of electrical and electronic products, n.e.c.
(Electrical and electronic product fabrication, installation, and repair, n.e.c.)
829. Occupations in assembly, installation, and repair of electrical products, n.e.c.
(Assembly, installation, and repair of electrical products, n.e.c.)

84 Painting, Plastering, Waterproofing, Cementing, and Related Occupations
(Painting, Plastering, Waterproofing, Cementing, and Related Work)

840. Construction and maintenance painters and related occupations
(Construction and maintenance painting and related work)
841. Paperhangers
(Paperhanging)

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842. Plasterers and related occupations
(Plastering and related work)
843. Waterproofing and related occupations
(Waterproofing and related work)
844. Cement and concrete finishing and related occupations
(Cement and concrete finishing and related work)
845. Transportation equipment painters and related occupations
(Transportation equipment painting and related work)
849. Painting, plastering, waterproofing, cementing, and related occupations, n.e.c.
(Painting, plastering, waterproofing, cementing, and related work, n.e.c.)

85 Excavating, Grading, Paving, and Related Occupations
(Excavating, Grading, Paving, and Related Work)

850. Excavating, grading, and related occupations
(Excavating, grading, and related work)
851. Drainage and related occupations
(Drainage and related work)
852. Concrete paving occupations
(Concrete paving)
853. Asphalt paving occupations
(Asphalt paving)
859. Excavating, grading, paving, and related occupations, n.e.c.
(Excavating, grading, paving, and related work, n.e.c.)

86 Construction Occupations, N.E.C.
(Construction Work, N.E.C.)

860. Carpenters and related occupations
(Carpentry and related work)
861. Brick and stone masons and tile setters
(Brick and stone masonry and tile setting)
862. Plumbers, gas fitters, steam fitters, and related occupations
(Plumbing, gas fitting, steam fitting, and related work)
863. Asbestos and insulation workers
(Asbestos and insulation work)
864. Floor laying and finishing occupations
(Floor laying and finishing work)
865. Glaziers and related occupations
(Glass setting and related work)
866. Roofers and related occupations
(Roofing and related work)
869. Miscellaneous construction occupations, n.e.c.
(Miscellaneous construction work, n.e.c.)

89 Structural Work Occupations, N.E.C.
(Structural Work, N.E.C.)

891. Occupations in structural maintenance, n.e.c.
(Structural maintenance, n.e.c.)
892. Hoisting and conveying occupations, n.e.c.
(Hoisting and conveying, n.e.c.)
899. Miscellaneous structural work occupations, n.e.c.
(Miscellaneous structural work, n.e.c.)

MISCELLANEOUS OCCUPATIONS

(MISCELLANEOUS WORK)

90 Motor Freight Occupations
(Motor Freight Transportation)

900. Concrete-mixing-truck drivers
(Concrete-mixing-truck driving)
902. Dump-truck drivers
(Dump-truck driving)
903. Truck drivers, inflammables
(Truck driving, inflammables)
904. Trailer-truck drivers
(Trailer-truck driving)
905. Truck drivers, heavy
(Heavy truck driving)
906. Truck drivers, light
(Light truck driving)
909. Motor freight occupations, n.e.c.
(Motor freight transportation, n.e.c.)

91 Transportation Occupations, N.E.C.
(Transportation Work, N.E.C.)

910. Railroad transportation occupations
(Railroad transportation)
911. Water transportation occupations
(Water transportation)
912. Air transportation occupations
(Air transportation)
913. Passenger transportation occupations, n.e.c.
(Passenger transportation, n.e.c.)
914. Pumping and pipeline transportation occupations
(Pumping and pipeline transportation)
915. Attendants and servicemen, parking lots and service facilities
(Parking lot and related service work)
919. Miscellaneous transportation occupations, n.e.c.
(Miscellaneous transportation work, n.e.c.)

92 Packaging and Materials Handling Occupations
(Packaging and Materials Handling)

920. Packaging occupations
(Packaging)
921. Hoisting and conveying occupations
(Hoisting and conveying)
922. Occupations in moving and storing materials, n.e.c.
(Materials moving and storing, n.e.c.)
929. Packaging and materials handling occupations, n.e.c.
(Packaging and materials handling, n.e.c.)

93 Occupations in Extraction of Minerals
(Extraction of Minerals)

930. Boring, drilling, cutting, and related occupations
(Boring, drilling, cutting, and related work)
931. Blasting occupations
(Blasting)
932. Loading and conveying occupations
(Loading and conveying)
933. Crushing occupations
(Crushing)
934. Screening and related occupations
(Screening and related work)
939. Occupations in extraction of minerals, n.e.c.
(Extraction of minerals, n.e.c.)

94 Occupations in Logging
(Logging)

940. Timber cutting and related occupations
(Timber cutting and related work)
941. Log inspecting, grading, scaling, and related occupations
(Log inspecting, grading, scaling, and related work)
942. Log sorting, gathering, storing, and related occupations
(Log sorting, gathering, storing, and related work)
949. Occupations in logging, n.e.c.
(Logging, n.e.c.)

95 Occupations in Production and Distribution of Utilities
(Production and Distribution of Utilities)

950. Stationary engineers
(Stationary engineering)
951. Firemen and related occupations
(Firing and related work)
952. Occupations in generation, transmission, and distribution of electric light and power
(Generation, transmission, and distribution of electric light and power)
953. Occupations in production and distribution of gas
(Production and distribution of gas)
954. Occupations in filtration, purification, and distribution of water
(Filtration, purification, and distribution of water)
955. Occupations in disposal of refuse and sewage
(Refuse and sewage disposal)

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956. Occupations in distribution of steam
(Distribution of steam)
957. Occupations in transmission of communications, n.e.c.
(Transmission of communications, n.e.c.)
959. Occupations in production and distribution of utilities, n.e.c.
(Production and distribution of utilities, n.e.c.)

96 Amusement, Recreation, and Motion Picture Occupations, N.E.C.
(Amusement, Recreation, and Motion Picture Work, N.E.C.)

960. Motion picture projectionists
(Motion picture projecting)
961. Models and stand-ins, n.e.c.
(Modeling and related works, n.e.c.)
962. Occupations in production of motion pictures, n.e.c.
(Motion picture production, n.e.c.)
963. Occupations in radio and television production, n.e.c.
(Radio and television production, n.e.c.)
964. Occupations in theatrical and related entertainment production, n.e.c.
(Theatrical and related entertainment production, n.e.c.)
969. Miscellaneous amusement, recreation, and motion picture occupations, n.e.c.
(Miscellaneous amusement, recreation, and motion picture work, n.e.c.)

97 Occupations in Graphic Art Work
(Graphic Art Work)

970. Art work occupations, brush, spray, or pen
(Art work, brush, spray, or pen)
971. Photoengraving occupations
(Photoengraving)
972. Lithographers and related occupations
(Lithography and related work)
973. Hand compositors, typesetters, and related occupations
(Hand composition, typesetting, and related work)
974. Electrotypers and related occupations
(Electrotyping and related work)
975. Stereotypers and related occupations
(Stereotyping and related work)
976. Darkroom occupations, n.e.c.
(Darkroom work, n.e.c.)
977. Bookbinders and related occupations
(Bookbinding and related work)
979. Occupations in graphic art work, n.e.c.
(Graphic art work, n.e.c.)

ALPHABETIC ARRANGEMENT

OCCUPATIONAL DIVISIONS AND GROUPS

A

603. Abrading occupations (metal)
673. Abrading occupations (stone, clay, glass)
776. Abrasives, asbestos and polishing products, and related materials, occupations in fabrication and repair of
160. Accountants and auditors
21 Account-recording and computing occupations
219. Account-recording and computing occupations, n.e.c.
217. Account-recording-machine operators, n.e.c.
241. Adjusters (clerical occupations)
706. Adjusters and assemblers, n.e.c., metal unit
169. Administrative specializations, n.e.c., occupations in
16 Administrative specializations, occupations in
258. Advertising and printing salesmen
164. Advertising management occupations
002. Aeronautical engineering occupations
191. Agents and appraisers, n.e.c.
522. Aging, culturing, melting, fermenting, distilling, saturating, pickling, and related occupations
013. Agricultural engineering occupations
261. Agricultural products salesmen and salespersons, n.e.c.
040. Agricultural sciences, occupations in
46 Agricultural service occupations
469. Agricultural service occupations, n.e.c.
180. Agriculture, forestry, and fishing industry managers and officials
621. Aircraft mechanics and repairmen
378. Airmen, soldiers, sailors, marines, and coast guardsmen, n.e.c.
196. Airplane pilots and navigators
912. Air transportation occupations
737. Ammunition, fireworks, explosives, and related products, occupations in fabrication of
694. Ammunition, ordnance, and related products, n.e.c., occupations in fabrication of
34 Amusement and recreation service occupations
349. Amusement and recreation service occupations, n.e.c.
286. Amusement and sporting goods salesmen and salespersons
342. Amusement device and concession attendants
96 Amusement, recreation, and motion picture occupations, n.e.c.
356. Animal care, occupations in, n.e.c.
466. Animal caretaking occupations
41 Animal farming occupations
419. Animal farming occupations, n.e.c.
467. Animal husbandry service occupations
055. Anthropology, occupations in
36 Apparel and furnishings service occupations
369. Apparel and furnishings service occupations, n.e.c.
263. Apparel, textiles, and textile products salesmen and salespersons
191. Appraisers and agents, n.e.c.
816. Arc cutters and flame cutters
001. Architectural occupations
019. Architecture and engineering, n.e.c., occupations in
00 Architecture and engineering, occupations in
109. Archival, library, and museum sciences, n.e.c., occupations in
10 Archival, library, and museum sciences, occupations in
101. Archivists
810. Arc welders
724. Armatures, coils, magnets, and related products, occupations in winding and assembling
733. Artists' and office materials and pens and pencils, n.e.c., occupations in fabrication and repair of
149. Art, n.e.c., occupations in
14 Art, occupations in
97 Art work, graphic, occupations in
970. Art work occupations, brush, spray, or pen
863. Asbestos and insulation workers
776. Asbestos and polishing products, abrasives, and related materials, occupations in fabrication and repair of
853. Asphalt paving occupations
706. Assemblers and adjusters, n.e.c., metal unit
806. Assemblers and related occupations, transportation equipment
762. Assembling wood products, n.e.c., occupations in
739. Assorted materials, n.e.c., occupations in fabrication and repair of products made from
73 Assorted materials, occupations in fabrication and repair of products made from
692. Assorted materials, occupations in fabrication of products from (machine trades)
590. Assorted materials, occupations in processing products from
021. Astronomy, occupations in
153. Athletics and sports, occupations in
915. Attendants and servicemen, parking lots and service facilities
340. Attendants, bowling alley and billiard parlor
341. Attendants, golf course, tennis court, skating rink, and related facilities
355. Attendants, hospitals, morgues, and related health services
294. Auctioneers
160. Auditors and accountants
213. Automatic data-processing-equipment operators

B

357. Baggage porters
377. Bailiffs and sheriffs
526. Baking and cooking occupations, n.e.c. (food, tobacco, etc.)
573. Baking, drying, and heat-treating occupations (stone, clay, glass, etc.)
553. Baking, heating, drying, seasoning, melting, and heat-treating occupations (chemicals, plastics, rubber, paint, etc.)
613. Bar and sheet rolling occupations
33 Barbering, cosmetology, and related service occupations
339. Barbering, cosmetology, and related service occupations, n.e.c.
330. Barbers
312. Bartenders
335. Bath attendants
727. Batteries, storage, occupations in assembly of
681. Beaming, twisting, warping, and related occupations
530. Beating, grinding, and mixing occupations
780. Bedsprings and mattresses, occupations in fabrication and repair of
324. Bellmen and related occupations
760. Bench carpenters and related occupations
79 Bench work occupations, n.e.c.
31 Beverage and food preparation and service occupations
319. Beverage and food preparation and service occupations, n.e.c.
317. Beverage and food preparation occupations, miscellaneous
310. Beverage and food service, hostesses and stewards, except ship stewards
262. Beverages, foodstuffs, and tobacco salesmen and salespersons
340. Billiard parlor and bowling alley attendants
214. Billing-machine operators
465. Bindweed eradication and blight and pest control occupations
041. Biological sciences, occupations in
931. Blasting occupations
533. Bleaching, cooling, screening, washing, and related occupations
540. Blending and mixing occupations (petroleum, coal, gas, etc.)
550. Blending and mixing occupations (chemicals, plastics, rubber, paint, etc.)
520. Blending, compounding, mixing, kneading, shaping, and related occupations (food, tobacco, etc.)
465. Blight and pest control and bindweed eradication occupations
580. Blocking, shaping, stretching, and tentering occupations
320. Boardinghouse and lodginghouse keepers
807. Bodymen, transportation equipment
805. Boilermakers
801. Bolting, fitting, screwing, and related occupations
977. Bookbinders and related occupations (graphic art work)
653. Bookbinders and related occupations (printing)
210. Bookkeepers
215. Bookkeeping-machine operators
366. Bootblacks and related occupations
676. Boring and punching occupations (stone, clay, glass, etc.)
930. Boring, drilling, cutting, and related occupations (extraction of minerals)
606. Boring occupations (metal machining)
666. Boring occupations (wood machining)
340. Bowling alley and billiard parlor attendants
814. Braze-welding, brazing, and soldering occupations
814. Brazing, braze-welding, and soldering occupations
525. Breaking, slaughtering, curing, and related occupations
861. Brick and stone masons and tile setters
773. Brick, tile, and related products, occupations in coloring and decorating
371. Bridge tenders and crossing watchmen
970. Brush, spray, or pen art work occupations
587. Brushing and shrinking occupations (leather, textiles, etc.)
740. Brush painters
161. Budget and management analysis occupations
705. Buffing, filing, grinding, cleaning, and polishing occupations, n.e.c.
38 Building and related service occupations
389. Building and related service occupations, n.e.c.
824. Building wiring and lighting equipment, n.e.c., occupations in assembly, installation, and repair of
633. Business and commercial machine repairmen
281. Business and commercial machines, equipment, and supplies salesmen and salespersons
252. Business and financial services salesmen

C

660. Cabinetmakers
728. Cable and wire, electrical, occupations in fabrication of (electrical equipment)
691. Cable and wire, insulated, occupations in fabrication of (machine trades)
554. Calendering, coating, laminating, and finishing occupations (chemicals, plastics, rubber, paint, etc.)
583. Calendering, ironing, pressing, glazing, staking, and embossing occupations (leather, textiles, etc.)
534. Calendering, sizing, coating, and related occupations (paper)
293. Canvassers and solicitors

784. Caps, hats, gloves, and related products, occupations in fabrication and repair of
197. Captains, mates, pilots, and engineers, ship
542. Carbonizing, distilling, and subliming occupations
680. Carding, combing, drawing, and related occupations
860. Carpenters and related occupations (construction)
760. Carpenters, bench, and related occupations (wood products)
771. Carvers and cutters, stone
761. Carving, laying out, cutting, shaping, and sanding wood products, n.e.c., occupations in
211. Cashiers
556. Casting and molding occupations, n.e.c. (chemicals, plastics, rubber, paint, etc.)
514. Casting and pouring occupations (ore refining and foundry)
502. Casting, melting, pouring, and related occupations (metal processing)
844. Cement and concrete finishing and related occupations (painting, plastering, waterproofing, etc.)
752. Cementing, fitting, shaping, finishing, and related occupations, n.e.c. (plastics, synthetics, rubber, etc.)
84 Cementing, painting, plastering, waterproofing, and related occupations
849. Cementing, painting, plastering, waterproofing, and related occupations, n.e.c.
006. Ceramic engineering occupations
358. Checkroom, locker room, and restroom attendants
313. Chefs and cooks, large hotels and restaurants
314. Chefs and cooks, small hotels and restaurants
008. Chemical engineering occupations
559. Chemicals, plastics, synthetics, rubber, paint, and related products, n.e.c., occupations in processing of
55 Chemicals, plastics, synthetics, rubber, paint, and related products, occupations in processing of
266. Chemicals and drug preparations salesmen and salespersons
559. Chemicals, plastics, synthetics, rubber, paint, and related products, n.e.c., occupations in processing of
022. Chemistry, occupations in
677. Chipping, cutting, sawing, and related occupations (stone, clay, glass, etc.)
668. Chipping occupations (wood machining)
521. Chopping, separating, crushing, milling, grinding, and related occupations
821. Circuits and lines, transmission and distribution, occupations in assembly, installation, and repair of
005. Civil engineering occupations
779. Clay, sand, stone, and glass products, n.e.c., occupations in fabrication and repair of
77 Clay, sand, stone, and glass products, occupations in fabrication and repair of
271. Clay, stone, and glass products salesmen and salespersons
679. Clay, stone, glass, and related materials, n.e.c., occupations in machining
67 Clay, stone, glass, and related materials, occupations in machining
579. Clay, stone, glass, and related products, n.e.c., occupations in processing of
57 Clay, stone, glass, and related products, occupations in processing of
381. Cleaners and porters
503. Cleaning, degreasing, pickling, and related occupations (metal processing)
705. Cleaning, filing, grinding, buffing, and polishing occupations, n.e.c. (metal products)
775. Cleaning, grinding, filing, polishing, frosting, etching, and related occupations, n.e.c. (sand, stone, clay, and glass products)
120. Clergymen
715. Clocks, watches, and parts, occupations in fabrication and repair of
549. Coal, petroleum, natural and manufactured gas, and related products, n.e.c., occupations in processing of
54 Coal, petroleum, natural and manufactured gas, and related products, occupations in processing of
378. Coast guardsmen, sailors, marines, airmen, and soldiers, n.e.c.
554. Coating, calendering, laminating, and finishing occupations (chemicals, plastics, rubber, paint, etc.)
534. Coating, calendering, sizing, and related occupations (paper)
524. Coating, icing, decorating, and related occupations (food, tobacco)
574. Coating, impregnating, and glazing occupations (stone, clay, glass, etc.)
584. Coating, mercerizing, and laminating occupations (leather, textile, etc.)
562. Coating, saturating, and related occupations, n.e.c. (wood and wood products)
505. Coating, spraying, and related occupations, metal
724. Coils, magnets, armatures, and related products, occupations in winding and assembling
240. Collectors
090. College and university education, occupations in
773. Coloring and decorating brick, tile, and related products, occupations in
812. Combination arc welders and gas welders
680. Combing, carding, drawing, and related occupations
633. Commercial and business machine repairmen
281. Commercial and business machines, equipment, and supplies salesmen and salespersons
141. Commercial artists
289. Commodities, n.e.c., salesmen and salespersons
823. Communication, detection, and signaling equipment, electronic, occupations in assembly, installation, and repair of
822. Communication, detection, and signaling equipment, wire, occupations in assembly, installation, and repair of
722. Communications equipment, occupations in assembly and repair of
957. Communications, n.e.c., occupations in transmission of
184. Communication, transportation, and utilities industry managers and officials
650. Composers and typesetters
520. Compounding, mixing, blending, kneading, shaping, and related occupations
461. Compressing and cotton ginning occupations
21 Computing and account-recording occupations
219. Computing and account-recording occupations, n.e.c.
216. Computing-machine operators
342. Concession and amusement device attendants
844. Concrete and cement finishing and related occupations
900. Concrete-mixing-truck drivers
852. Concrete paving occupations
840. Construction and maintenance painters and related occupations
182. Construction industry managers and officials
276. Construction, mining, industrial, and drilling equipment and supplies salesmen and salespersons
86 Construction occupations, n.e.c.
892. Conveying and hoisting, occupations, n.e.c. (structural work)
921. Conveying and hoisting occupations (packaging and materials handling)
932. Conveying and loading occupations (extraction of minerals)
526. Cooking and baking occupations, n.e.c. (food, tobacco, etc.)
532. Cooking and drying occupations (paper)
313. Cooks and chefs, large hotels and restaurants
314. Cooks and chefs, small hotels and restaurants
305. Cooks, domestic
315. Cooks, miscellaneous, except domestic
533. Cooling, bleaching, screening, washing, and related occupations (paper)
523. Cooling, heating, rendering, melting, drying, freezing, and related occupations (food, tobacco, etc.)
764. Cooperage occupations
804. Coppersmiths, tinsmiths, and sheet metal workers
518. Coremakers, molders, and related occupations
204. Correspondence clerks
643. Corrugating occupations
332. Cosmetologists and hairdressers
33 Cosmetology, barbering, and related service occupations
339. Cosmetology, barbering, and related service occupations, n.e.c.
402. Cotton farming occupations
461. Cotton ginning and compressing occupations
641. Creasing, folding, scoring, and gluing occupations
405. Crop specialty farming occupations
371. Crossing watchmen and bridge tenders
555. Crushing and grinding occupations (chemicals, plastics, rubber, paint, etc.)
515. Crushing and grinding occupations (ore refining and foundry)
544. Crushing and grinding occupations (petroleum, coal, gas, etc.)
570. Crushing, grinding, and mixing occupations (stone, clay, glass, etc.)
933. Crushing occupations (extraction of minerals)
521. Crushing, separating, milling, chopping, grinding, and related occupations (food, tobacco, etc.)
522. Culturing, melting, fermenting, distilling, saturating, pickling, aging, and related occupations
525. Curing, slaughtering, breaking, and related occupations
816. Cutters, flame and arc
751. Cutting and laying out occupations, n.e.c. (plastics, synthetics, rubber, etc.)
930. Cutting, boring, drilling, and related occupations (extraction of minerals)
677. Cutting, chipping, sawing, and related occupations (stone, clay, glass, etc.)
761. Cutting, laying out, carving, shaping, and sanding wood products, n.e.c., occupations in
781. Cutting, laying out, marking, and punching occupations, n.e.c. (textile, leather, etc.)
686. Cutting, punching, forming, and related occupations (textile)
585. Cutting, singeing, shearing, shaving, and napping occupations (leather, textiles, etc.)
640. Cutting, winding, and related occupations (paper)

D

411. Dairy farming occupations
151. Dancing, occupations in
976. Darkroom occupations, n.e.c.
213. Data-processing-equipment operators, automatic
301. Day workers
773. Decorating and coloring brick, tile, and related products, occupations in
524. Decorating, coating, icing, and related occupations (food, tobacco, etc.)
74 Decorating, painting, and related occupations
749. Decorating, painting, and related occupations, n.e.c.
503. Degreasing, pickling, cleaning, and related occupations
297. Demonstrators and models
282. Dental and medical equipment, supplies, and appliances salesmen and salespersons
078. Dental and medical technology, occupations in
712. Dental, surgical, and medical instruments and supplies, occupations in fabrication and repair of
072. Dentists
142. Designers
823. Detection, communication, and signaling equipment, electronic, occupations in assembly, installation, and repair of
822. Detection, communication, and signaling equipment, wire, occupations in assembly, installation, and repair of
376. Detectives and policemen, except in public service
375. Detectives and policemen, public service
077. Dietitians
501. Dip plating occupations
243. Direct service clerks, n.e.c.
298. Display men and window trimmers
955. Disposal of refuse and sewage, occupations in
522. Distilling, culturing, melting, fermenting, saturating, pickling, aging, and related occupations (food, tobacco, etc.)
552. Distilling occupations (chemicals, plastics, rubber, paint, etc.)
542. Distilling, subliming, and carbonizing occupations (petroleum, coal, gas, etc.)
95 Distribution and production of utilities, occupations in
163. Distribution and sales management occupations
305. Domestic cooks
306. Domestic maids
30 Domestic service occupations
309. Domestic service occupations, n.e.c.
017. Draftsmen, n.e.c.
851. Drainage and related occupations
150. Dramatics, occupations in
614. Drawing and extruding occupations (metalworking)
680. Drawing, carding, combing, and related occupations (textile)

346. Dressing-room and wardrobe attendants
785. Dressmakers and tailors
930. Drilling, boring, cutting, and related occupations (extraction of minerals)
276. Drilling, industrial, construction, and mining equipment and supplies salesmen and salespersons
266. Drug preparations and chemicals salesmen and salespersons
362. Dry cleaning occupations
532. Drying and cooking occupations (paper)
573. Drying, baking, and heat-treating occupations (stone, clay, glass, etc.)
543. Drying, heating, and melting occupations (petroleum, coal, gas, etc.)
553. Drying, heating, baking, seasoning, melting, and heat-treating occupations (chemicals, plastics, rubber, paint, etc.)
523. Drying, heating, rendering, melting, cooling, freezing, and related occupations (food, tobacco, etc.)
563. Drying, seasoning, and related occupations (wood and wood products)
581. Drying, separating, and filtering occupations (leather, textiles, etc.)
902. Dump-truck drivers
207. Duplicating-machine operators
364. Dyeing and related occupations

E

050. Economics, occupations in
131. Editors and writers, motion picture, radio, and television
132. Editors and writers, publications
099. Education, n.e.c., occupations in
09 Education, occupations in
094. Education of the handicapped, occupations in
828. Electrical and electronic products, n.e.c., occupations in fabrication, installation, and repair of
723. Electrical appliances and fixtures, occupations in assembly and repair of
82 Electrical assembling, installing, and repairing occupations
003. Electrical engineering occupations
729. Electrical equipment, n.e.c., occupations in assembly and repair of
72 Electrical equipment, occupations in assembly and repair of
278. Electrical machinery and household appliances, equipment, and supplies salesmen and salespersons
829. Electrical products, n.e.c., occupations in installation and repair of
728. Electrical wire and cable, occupations in fabrication of
828. Electronic and electrical products, n.e.c., occupations in fabrication, installation, and repair of
823. Electronic communication, detection, and signaling equipment, occupations in assembly, installation, and repair of
726. Electronic components and accessories, n.e.c., occupations in assembly and repair of
725. Electronic tubes and light bulbs, occupations in assembly of
500. Electroplating occupations
974. Electrotypers and related occupations
388. Elevator operators
338. Embalmers and related occupations
583. Embossing, ironing, pressing, glazing, staking, and calendering occupations
782. Embroiderers, hand sewers, menders, knitters, and related occupations, n.e.c.
019. Engineering and architecture, n.e.c., occupations in
00 Engineering and architecture, occupations in
716. Engineering and scientific instruments and equipment, n.e.c., occupations in fabrication and repair of
620. Engineering equipment and motorized vehicle mechanics and repairmen
197. Engineers, mates, pilots, and captains, ship
625. Engine, power, transmission, and related mechanics
704. Engravers, etchers, and related occupations
159. Entertainment and recreation, n.e.c., occupations in
15 Entertainment and recreation, occupations in
964. Entertainment production, n.e.c., theatrical and related, occupations in
230. Errand boys, messengers, and office boys and girls
704. Etchers, engravers, and related occupations (metal products, n.e.c.)
775. Etching, grinding, filing, polishing, frosting, cleaning, and related occupations, n.e.c. (sand, stone, clay, and glass)
850. Excavating, grading, and related occupations
85 Excavating, grading, paving, and related occupations
859. Excavating, grading, paving, and related occupations, n.e.c.
737. Explosives, ammunition, fireworks, and related products, occupations in fabrication of
939. Extraction of minerals, n.e.c., occupations in
93 Extraction of minerals, occupations in
614. Extruding and drawing occupations
557. Extruding occupations

F

616. Fabricating machine occupations
096. Farm advisers and home economists
277. Farm and garden equipment and supplies salesmen and salespersons
423. Farm couples
42 Farming and related occupations, miscellaneous
429. Farming and related occupations, miscellaneous, n.e.c.
422. Farm irrigation workers
424. Farm machinery operators, n.e.c.
624. Farm mechanics and repairmen
644. Fastening occupations, n.e.c.
586. Felting and fulling occupations
522. Fermenting, culturing, melting, distilling, saturating, pickling, aging, and related occupations
206. File clerks
705. Filing, grinding, buffing, cleaning, and polishing occupations, n.e.c. (metal products)
775. Filing, grinding, polishing, frosting, etching, cleaning, and related occupations, n.e.c. (sand, stone, clay, and glass)
209. Filing, stenography, typing, and related occupations, n.e.c.
20 Filing, typing, stenography, and related occupations
581. Filtering, separating, and drying occupations (leather, textiles, etc.)
511. Filtering, separating, and related occupations (ore refining and foundry)
541. Filtering, straining, and separating occupations (petroleum, coal, gas, etc.)
551. Filtering, straining, and separating occupations (chemicals, plastics, rubber, paint, etc.)
954. Filtration, purification, and distribution of water, occupations in
186. Finance, insurance, and real estate managers and officials
252. Financial and business services salesmen
864. Finishing and floor laying occupations
554. Finishing, coating, calendering, and laminating occupations (chemicals, plastics, rubber, paint, etc.)
752. Finishing, fitting, shaping, cementing, and related occupations, n.e.c. (plastics, synthetics, rubber, etc.)
951. Firemen and related occupations
373. Firemen, fire department
737. Fireworks, ammunition, explosives, and related products, occupations in fabrication of
433. Fishermen, miscellaneous gear
43 Fishery and related occupations
439. Fishery and related occupations, n.e.c.
180. Fishing, agriculture, and forestry industry managers and officials
452. Fishing and hunting guides
801. Fitting, bolting, screwing, and related occupations (metal fabricating)
752. Fitting, shaping, cementing, finishing, and related occupations, n.e.c. (plastics, synthetics, rubber, etc.)
816. Flame cutters and arc cutters
81. Flame cutters, welders, and related occupations
819. Flame cutters, welders, and related occupations, n.e.c.
864. Floor laying and finishing occupations
641. Folding, creasing, scoring, and gluing occupations
31 Food and beverage preparation and service occupations
319. Food and beverage preparation and service occupations, n.e.c.
317. Food and beverage preparation occupations, miscellaneous
310. Food and beverage service, hostesses and stewards, except ship stewards
262. Foodstuffs, beverages, and tobacco salesmen and salespersons
529. Food, tobacco, and related products, n.e.c., occupations in processing of
52 Food, tobacco, and related products, occupations in processing of
790. Food, tobacco, and related products, n.e.c., occupations in preparation of
529. Food, tobacco, and related products, n.e.c., occupations in processing of
788. Footwear, occupations in fabrication and repair of
441. Forest conservation occupations
442. Forest products, except logging, occupations in production of
180. Forestry, agriculture, and fishing industry managers and officials
44 Forestry occupations
449. Forestry occupations, n.e.c.
612. Forging occupations, n.e.c.
617. Forming occupations, n.e.c. (metalworking)
575. Forming occupations (stone, clay, glass, etc.)
535. Forming occupations, n.e.c. (paper)
686. Forming, punching, cutting, and related occupations (textile)
51 Foundry and ore refining occupations
519. Foundry and ore refining occupations, n.e.c.
130. Freelance writers
523. Freezing, heating, rendering, melting, drying, cooling, and related occupations (food, tobacco, etc.)
775. Frosting, grinding, filing, polishing, etching, cleaning, and related occupations, n.e.c. (sand, stone, clay, and glass)
404. Fruit and nut farming occupations
267. Fuel and petroleum products salemen and salespersons
586. Fulling and felting occupations
36 Furnishings and apparel service occupations
369. Furnishings and apparel service occupations, n.e.c.
763. Furniture, n.e.c., occupations in fabrication and repair of
783. Fur working occupations

G

343. Gambling hall attendants
731. Games and toys, occupations in fabrication and repair of
277. Garden and farm equipment and supplies salesmen and salespersons
407. Gardening and groundskeeping occupations
786. Garment sewing-machine operators
862. Gas fitters, plumbers, steam fitters, and related occupations
549. Gas, natural and manufactured, petroleum, coal, and related products, n.e.c., occupations in processing of
54 Gas, natural and manufactured, petroleum, coal, and related products, occupations in processing of
953. Gas, occupations in production and distribution
811. Gas welders
812. Gas welders and combination arc welders
602. Gear machining occupations
421. General farming occupations
630. General industry mechanics and repairmen
952. Generation, transmission, and distribution of electric light and power, occupations in
820. Generators, motors, accessories, and related power-plant equipment, occupations in assembly, installation, and repair of (electrical)
721. Generators, motors, and related products, occupations in assembly and repair of (electrical equipment)
024. Geology, occupations in
772. Glass blowing, pressing, shaping, and related occupations, n.e.c.
779. Glass, sand, stone, and clay products, n.e.c., occupations in fabrication and repair of

77 Glass, sand, stone, and clay products, occupations in fabrication and repair of
271. Glass, stone, and clay products salesmen and salespersons
679. Glass, stone, clay, and related materials, n.e.c., occupations in machining
67 Glass, stone, clay, and related materials, occuaptions in machining
579. Glass, stone, clay, and related products, n.e.c., occupations in processing of
57 Glass, stone, clay, and related products, occupations in processing of
865. Glaziers and related occupations
574. Glazing, impregnating, and coating occupations (stone, clay, glass, etc.)
583. Glazing, ironing, pressing, staking, calendering, and embossing occupations (leather, textiles, etc.)
784. Gloves, hats, caps, and related products, occupations in fabrication and repair of
641. Gluing, folding, creasing, and scoring occupations
341. Golf course, tennis court, skating rink, and related facilities attendants
850. Grading, excavating, and related occupations
85 Grading, excavating, paving, and related occupations
859. Grading, excavating, paving, and related occupations, n.e.c.
401. Grain farming occupations
979. Graphic art work, n.e.c., occupations in
97 Graphic art work, occupations in
555. Grinding and crushing occupations (chemicals, plastics, synthetics, rubber, paint, etc.)
515. Grinding and crushing occupations (ore refining and foundry)
544. Grinding and crushing occupations (petroleum, coal, gas, etc.)
530. Grinding, beating, and mixing occupations (paper)
570. Grinding, crushing, and mixing occupations (stone, clay, glass, etc.)
705. Grinding, filing, buffing, cleaning, and polishing occupations, n.e.c. (metal products)
775. Grinding, filing, polishing, frosting, etching, cleaning, and related occupations, n.e.c. (sand, stone, clay, and glass products)
521. Grinding, separating, crushing, milling, chopping, and related occupations (food, tobacco, etc.)
407. Groundskeeping and gardening occupations
372. Guards and watchmen, except crossing watchmen
353. Guides, except hunting and fishing

H

332. Hairdressers and cosmetologists
610. Hammer forging occupations
973. Hand compositors, typesetters, and related occupations
973. Handicapped, occupations in education of the
782. Hand sewers, menders, embroiderers, knitters, and related occupations, n.e.c.
784. Hats, caps, gloves, and related products, occupations in fabrication and repair of
079. Health and medicine, n.e.c., occupations in
07 Health and medicine, occupations in
553. Heating, baking, drying, seasoning, melting, and heat-treating occupations (chemicals, plastics, synthetics, rubber, paint, etc.)
543. Heating, drying, and melting occupations (petroleum, coal, gas, etc.)
523. Heating, rendering, melting, drying, cooling, freezing, and related occupations (food, tobacco, etc.)
573. Heat-treating, baking, and drying occupations (stone, clay, glass, etc.)
553. Heat-treating, heating, baking, drying, seasoning, and melting occupations (chemicals, plastics, synthetics, rubber, paint, etc.)
504. Heat-treating occupations (metal processing)
052. History, occupations in
892. Hoisting and conveying occupations, n.e.c.
921. Hoisting and conveying occupations
096. Home economists and farm advisers
260. Horticultural and nursery products salesmen and salespersons
406. Horticultural specialty occupations
684. Hosiery knitting occupations
355. Hospital, morgue, and related health service attendants
352. Hostesses and stewards, n.e.c.
310. Hostesses and stewards, food and beverage service, except ship stewards
275. Hotel and restaurant equipment and supplies salesmen and salespersons
242. Hotel clerks, n.e.c.
321. Hotels and institutions, housekeepers
254. Hotel services salesmen
274. Housefurnishings salesmen and salespersons
278. Household appliances and electrical machinery, equipment, and supplies salesmen and salespersons
827. Household appliances, large, and similar commercial and industrial equipment, occupations in assembly, installation, and repair of
321. Housekeepers, hotels and institutions
303. Housekeepers, private family
323. Housemen and maids, hotels, restaurants, and related establishments
304. Housemen and yardmen (domestic service)
452. Hunting and fishing guides
451. Hunting and trapping occupations
45 Hunting, trapping, and related occupations

I

524. Icing, coating, decorating, and related occupations
574. Impregnating, coating, and glazing occupations
826. Industrial apparatus, n.c.c., occupations in assembly, installation, and repair of
276. Industrial, construction, mining, and drilling equipment and supplies salesmen and salespersons
012. Industrial engineering occupations
23 Information and message distribution occupations
239. Information and message distribution occupations, n.e.c.
237. Information clerks and receptionists
168. Inspectors and investigators, managerial and public service
710. Instruments for measuring, controlling, and indicating physical characteristics, occupations in fabrication and repair of
691. Insulated wire and cable, occupations in fabrication of
863. Insulation and asbestos workers
250. Insurance and real estate salesmen
186. Insurance, finance, and real estate managers and officials
137. Interpreters and translators
168. Investigators and inspectors, managerial and public service
583. Ironing, pressing, glazing, staking, calendering, and embossing occupations

J

382. Janitors
283. Jewelry and silverware salesmen and salespersons
735. Jewelry, n.e.c., occupations in fabrication and repair of (assorted materials)
770. Jewelry, ornaments, and related products, occupations in fabrication and repair of (sand, stone, clay, and glass)
700. Jewelry, silverware, and related products, occupations in fabrication, assembly, and repair of (metal products)
111. Judges
119. Jurisprudence and law, n.e.c., occupations in
11 Jurisprudence and law, occupations in

K

092. Kindergarten and primary school education, occupations in
318. Kitchen workers, n.e.c.
520. Kneading, blending, compounding, mixing, shaping, and related occupations
782. Knitters, hand sewers, menders, embroiderers, and related occupations, n.e.c. (textile, leather, etc.)
685. Knitting occupations, except hosiery (textile)

L

554. Laminating, coating, calendering, and finishing occupations (chemicals, plastics, rubber, paint, etc.)
584. Laminating, mercerizing, and coating occupations (leather, textiles, etc.)
361. Laundering occupations
302. Laundresses, private family
119. Law and jurisprudence, n.e.c., occupations in
11 Law and jurisprudence, occupations in
110. Lawyers
751. Laying out and cutting occupations, n.e.c. (plastics, synthetics, rubber, etc.)
761. Laying out, cutting, carving, shaping, and sanding wood products, n.e.c., occupations in
781. Laying out, marking, cutting, and punching occupations, n.e.c. (textile, leather, etc.)
815. Lead burning occupations
264. Leather and leather products salesmen and salespersons
789. Leather, textile, and related products, n.e.c., occupations in fabrication and repair of
78 Leather, textile, and related products, occupations in fabrication and repair of
589. Leather, textiles, and related products, n.e.c., occupations in processing of
58 Leather, textiles, and related products, occupations in processing of
690. Leather working, plastics, synthetics, and rubber occupations (machine trades)
711. Lenses and optical instruments, occupations in fabrication and repair of
100. Librarians
109. Library, museum, and archival sciences, n.e.c., occupations in
10 Library, museum, and archival sciences, occupations in
049. Life sciences, n.e.c., occupations in
04 Life sciences, occupations in
952. Light and power, electric, occupations in generation, transmission, and distribution of
725. Light bulbs and electronic tubes, occupations in assembly of
824. Lighting equipment and building wiring, n.e.c., occupations in assembly, installation, and repair of
906. Light truck drivers
432. Line fishermen
821. Lines and circuits, transmission and distribution, occupations in assembly, installation, and repair of
972. Lithographers and related occupations
413. Livestock farming occupations
932. Loading and conveying occupations
358. Locker room, checkroom, and restroom attendants
32 Lodging and related service occupations
329. Lodging and related service occupations, n.e.c.
320. Lodginghouse and boardinghouse keepers
949. Logging, n.e.c., occupations in
94 Logging, occupations in
941. Log inspecting, grading, scaling, and related occupations
942. Log sorting, gathering, storing, and related occupations
365. Luggage and shoe repairmen and related occupations

M

62 Machinery repairmen and mechanics
639. Machinery repairmen and mechanics, n.e.c.
69 Machine trades occupations, n.e.c.
679. Machining stone, clay, glass, and related materials, n.e.c., occupations in
67 Machining stone, clay, glass, and related materials, occupations in
600. Machinists and related occupations
724. Magnets, coils, armatures, and related products, occupations in winding and assembling
323. Maids and housemen, hotels, restaurants, and related establishments
306. Maids, domestic
233. Mail carriers
231. Mail clerks
234. Mail-preparing and mail-handling-machine operators
840. Maintenance and construction painters and related occupations
256. Maintenance and repair services salesmen
333. Make-up occupations
161. Management and budget analysis occupations
19 Managerial, professional, and technical occupations, miscellaneous
18 Managers and officials, n.e.c.
188. Managers and officials, public administration
331. Manicurists

183. Manufacturing industry managers and officials
014. Marine engineering occupations
436. Marine life cultivation and related occupations
623. Marine mechanics and repairmen
378. Marines, sailors, soldiers, airmen, and coast guardsmen, n.e.c.
781. Marking, laying out, cutting, and punching occupations, n.e.c.
861. Masons, brick and stone, and tile setters
334. Masseurs and related occupations
22 Material and production recording occupations
229. Material and production recording occupations, n.e.c.
92 Materials handling and packaging occupations
929. Materials handling and packaging occupations, n.e.c.
825. Materials handling and transportation equipment, n.e.c., occupations in assembly, installation, and repair of
197. Mates, pilots, engineers, and captains, ship
029. Mathematics and physical sciences, n.e.c., occupations in
02 Mathematics and physical sciences, occupations in
020. Mathematics, occupations in
780. Mattresses and bedsprings, occupations in fabrication and repair of
316. Meatcutters, except in slaughtering and packing houses
007. Mechanical engineering occupations
62 Mechanics and machinery repairmen
639. Mechanics and machinery repairmen, n.e.c.
282. Medical and dental equipment, supplies, and appliances salesmen and salespersons
078. Medical and dental technology, occupations in
719. Medical and scientific apparatus, photographic and optical goods, watches and clocks, and related products, n.e.c., occupations in fabrication and repair of
71 Medical and scientific apparatus, photographic and optical goods, watches and clocks, and related products, occupations in fabrication and repair of
712. Medical, surgical, and dental instruments and supplies, occupations in fabrication and repair of
079. Medicine and health, n.e.c., occupations in
07 Medicine and health, occupations in
522. Melting, culturing, fermenting, distilling, saturating, pickling, aging, and related occupations (food, tobacco, etc.)
543. Melting, drying, and heating occupations (petroleum, coal, gas, etc.)
523. Melting, heating, rendering, drying, cooling, freezing, and related occupations (food, tobacco, etc.)
553. Melting, heating, baking, drying, seasoning, and heat-treating occupations (chemicals, plastics, rubber, paint, etc.)
512. Melting occupations (ore refining and foundry)
572. Melting occupations (stone, clay, glass, etc.)
502. Melting, pouring, casting, and related occupations (metal processing)
782. Menders, hand sewers, embroiderers, knitters, and related occupations, n.e.c.
584. Mercerizing, coating, and laminating occupations
29 Merchandising occupations, except salesmen
299. Merchandising occupations, except salesmen, n.e.c.
23 Message and information distribution occupations
239. Message and information distribution occupations, n.e.c.
230. Messengers, errand boys, and office boys and girls
273. Metal and metal products salesmen and salespersons
80 Metal fabricating, n.e.c., occupations in
011. Metallurgy and metallurgical engineering occupations
60 Metal machining occupations
609. Metal machining occupations, n.e.c.
50 Metal, occupations in processing of
509. Metal, occupations in processing of, n.e.c.
70 Metal products, n.e.c., occupations in fabrication and repair of
505. Metal spraying, coating, and related occupations
706. Metal unit assemblers and adjusters, n.e.c.
626. Metalworking machinery mechanics
61 Metalworking occupations, n.e.c.
025. Meteorology, occupations in
354. Midwives and practical nurses, unlicensed
605. Milling and planing occupations (metal)
665. Milling and planing occupations (wood)
521. Milling, separating, crushing, chopping, grinding, and related occupations
939. Minerals, n.e.c., occupations in extraction of
93 Minerals, occupations in extraction of
010. Mining and petroleum engineering occupations
276. Mining, industrial, construction, and drilling equipment and supplies salesmen and salespersons
181. Mining industry managers and officials
969. Miscellaneous amusement, recreation, and motion picture occupations, n.e.c.
799. Miscellaneous bench work occupations, n.e.c.
24 Miscellaneous clerical occupations
249. Miscellaneous clerical occupations, n.e.c.
869. Miscellaneous construction occupations, n.e.c.
315. Miscellaneous cooks, except domestic
42 Miscellaneous farming and related occupations
429. Miscellaneous farming and related occupations, n.e.c.
317. Miscellaneous food and beverage preparation occupations
699. Miscellaneous machine trades occupations, n.e.c.
199. Miscellaneous managerial, professional, and technical occupations, n.e.c.
189. Miscellaneous managers and officials, n.e.c.
619. Miscellaneous metalworking occupations, n.e.c.
709. Miscellaneous occupations in fabrication, assembly, and repair of metal products, n.e.c.
638. Miscellaneous occupations in machine installation and repair
809. Miscellaneous occupations in metal fabricating, n.e.c.
208. Miscellaneous office machine operators
35 Miscellaneous personal service occupations
359. Miscellaneous personal service occupations, n.e.c.
754. Miscellaneous plastics products, occupations in fabrication and repair of
599. Miscellaneous processing occupations, n.e.c.
19 Miscellaneous professional, technical, and managerial occupations
199. Miscellaneous professional, technical, and managerial occupations, n.e.c.
899. Miscellaneous structural work occupations, n.e.c.
919. Miscellaneous transportation occupations, n.e.c.
550. Mixing and blending occupations (chemicals, plastics, rubber, paint, etc.)
540. Mixing and blending occupations (petroleum, coal, gas, etc.)
510. Mixing and related occupations (ore refining and foundry)
560. Mixing and related occupations (wood and wood products)
530. Mixing, beating, and grinding occupations (paper)
520. Mixing, compounding, blending, kneading, shaping, and related occupations (food, tobacco, etc.)
570. Mixing, crushing, and grinding occupations (stone, clay, glass, etc.)
693. Modelmakers, patternmakers, and related occupations (machine trades)
777. Modelmakers, patternmakers, moldmakers, and related occupations (sand, stone, clay, glass, etc.)
297. Models and demonstrators (merchandising)
961. Models and stand-ins, n.e.c. (amusement, recreation, etc.)
518. Molders, coremakers, and related occupations (ore refining and foundry)
556. Molding and casting occupations, n.e.c. (chemicals, plastics, rubber, paint, etc.)
777. Moldmakers, modelmakers, patternmakers, and related occupations (sand, stone, clay, and glass)
355. Morgue, hospital, and related health service attendants
96 Motion picture, amusement, and recreation occupations, n.e.c.
960. Motion picture projectionists
962. Motion pictures, n.e.c., occupations in production of
131. Motion picture, radio, and television writers and editors,
90 Motor freight occupations
909. Motor freight occupations, n.e.c.
620. Motorized vehicle and engineering equipment mechanics and repairmen
820. Motors, generators, accessories, and related powerplant equipment, occupations in assembly, installation, and repair of
721. Motors, generators, and related products, occupations in assembly and repair of (electrical equipment)
922. Moving and storing materials, n.e.c., occupations in
102. Museum curators and related occupations
109. Museum, library, and archival sciences, n.e.c., occupations in
10 Museum, library, and archival sciences, occupations in
730. Musical instruments and parts, occupations in fabrication and repair of
287. Music and musical instruments salesmen and salespersons
152. Music, occupations in

N

585. Napping, singeing, cutting, shearing, and shaving occupations
196. Navigators and pilots, airplane
431. Net, seine, and trap fishermen
787. Nongarment sewing-machine operators
734. Notions, occupations in fabrication and repair of
015. Nuclear engineering occupations
307. Nursemaids
260. Nursery and horticultural products salesmen and salespersons
075. Nurses, registered
404. Nut and fruit farming occupations

O

733. Office and artists' materials and pens and pencils, n.e.c., occupations in fabrication and repair of
230. Office boys and girls, messengers, and errand boys
18 Officials and managers n.e.c.
188. Officials and managers, public administration
713. Ophthalmic goods, occupations in fabrication and repair of
711. Optical instruments and lenses, occupations in fabrication and repair of
694. Ordnance, ammunition, and related products, n.e.c., occupations in fabrication of
632. Ordnance and accessories mechanics and repairmen
736. Ordnance and accessories, occupations in fabrication and repair of
51 Ore refining and foundry occupations
519. Ore refining and foundry occupations, n.e.c.
770. Ornaments, jewelry, and related products, occupations in fabrication and repair of
071. Osteopaths

P

92 Packaging and materials handling occupations
929. Packaging and materials handling occupations, n.e.c.
920. Packaging occupations
559. Paint, chemicals, plastics, synthetics, rubber, and related products, n.e.c., occupations in processing of
55 Paint, chemicals, plastics, synthetics, rubber, and related products, occupations in processing of
144. Painters and related occupations (art)
840. Painters and related occupations, construction and maintenance
845. Painters and related occupations, transportation equipment
740. Painters, brush
741. Painters, spray
74 Painting, decorating, and related occupations
749. Painting, decorating, and related occupations, n.e.c.
84 Painting, plastering, waterproofing, cementing, and related occupations
849. Painting, plastering, waterproofing, cementing, and related occupations, n.e.c.
265. Paper and paper products salesmen and salespersons
539. Paper and related materials, n.e.c., occupations in processing of
53 Paper and related materials, occupations in processing of
640. Paper cutting, winding, and related occupations
841. Paperhangers
794. Paper products, n.e.c., occupations in fabrication of
642. Paper sewing occupations
64 Paperworking occupations
649. Paperworking occupations, n.e.c.
915. Parking lots and service facilities attendants and servicemen
913. Passenger transportation occupations, n.e.c.
661. Patternmakers (wood)

693. Patternmakers, modelmakers, and related occupations (machine trades)
777. Patternmakers, modelmakers, moldmakers and related occupations (sand, stone,clay, and glass)
85 Paving, grading, excavating, and related occupations
859. Paving, excavating, grading, and related occupations, n.e.c.
291. Peddlers
970. Pen, brush, or spray art work occupations
733. Pens, pencils, and office and artists, materials, n.e.c., occupations in fabrication and repair of
35 Personal service occupations, miscellaneous
166. Personnel and training administration occupations
205. Personnel clerks
465. Pest and blight control and bindweed eradication occupations
010. Petroleum and mining engineering occupations
549. Petroleum, coal, natural and manufactured gas, and related products, n.e.c., occupations in processing of
54 Petroleum, coal, natural and manufactured gas, and related products, occupations in processing of
267. Petroleum products and fuel salesmen and salespersons
074. Pharmacists
720. Phonographs and radio and television receiving sets, occupations in assembly and repair of
971. Photoengraving occupations
719. Photographic and optical goods, scientific and medi- apparatus, watches and clocks, and related products, n.e.c., occupations in fabrication and repair of
71 Photographic and optical goods, scientific and medical apparatus, watches and clocks, and related products, occupations in fabrication and repair of
714. Photographic equipment and supplies, occupations in fabrication and repair of
285. Photographic equipment and supplies salesmen and salespersons
143. Photography, occupations in
029. Physical sciences and mathematics, n.e.c., occupations in
02 Physical sciences and mathematics, occupations in
070. Physicians and surgeons
023. Physics, occupations in
503. Pickling, cleaning, degreasing, and related occupations
522. Pickling, culturing, melting, fermenting, distilling, saturating, aging, and related occupations
196. Pilots and navigators, airplane
197. Pilots, engineers, mates, and captains, ship
914. Pipeline and pumping transportation occupations
665. Planing and milling occupations (wood machining)
605. Planing and milling occupations (metal machining)
675. Planing and shaping occupations, n.e.c. (stone, clay, glass, etc.)
40 Plant farming occupations
409. Plant farming occupations, n.e.c.
842. Plasterers and related occupations
84 Plastering, painting, waterproofing, cementing, and related occupations
849. Plastering, painting, waterproofing, cementing, and related occupations, n.e.c.
559. Plastics, chemicals, synthetics, rubber, paint, and related products, n.e.c., occupations in processing of
55 Plastics, chemicals, synthetics, rubber, paint, and related products, occupations in processing of
753. Plastic and rubber footwear, occupations in fabrication and repair of
754. Plastics products, miscellaneous, occupations in fabrication and repair of
268. Plastics products salesmen and salespersons
690. Plastics, synthetics, rubber, and leather working occupations (machine trades)
759. Plastics, synthetics, rubber, and related products, n.e.c., occupations in fabrication and repair of
75 Plastics, synthetics, rubber, and related products, occupations in fabrication and repair of
862. Plumbers, gas fitters, steam fitters, and related occupations
376. Policemen and detectives, except in public service
375. Policemen and detectives, public service
705. Polishing, filing, grinding, buffing, and cleaning occupations, n.e.c. (metal products)
775. Polishing, grinding, filing, frosting, etching, cleaning, and related occupations, n.e.c. (sand, stone, clay, and glass)
776. Polishing products, abrasives, asbestos, and related materials, occupations in fabrication and repair of
051. Political science, occupations in
774. Porcelain ware and pottery, occupations in fabrication and repair of
381. Porters and cleaners
357. Porters, baggage
232. Post office clerks
774. Pottery and porcelain ware, occupations in fabrication and repair of
412. Poultry farming occupations
514. Pouring and casting occupations (ore refining and foundry)
502. Pouring, melting, casting, and related occupations (metal processing)
952. Power and light, electric, occupations in generation, transmission, and distribution of
820. Powerplant equipment, generators, motors, and accessories, occupations in assembly, installation, and repair of
631. Powerplant mechanics and repairmen
625. Power transmission, engine, and related mechanics
354. Practical nurses and midwives, unlicensed
611. Press forging occupations
722. Pressing, glass blowing, shaping, and related occupations, n.e.c.
583. Pressing, ironing, glazing, staking, calendering, and embossing occupations
363. Pressing occupations
092. Primary school and kindergarten education, occupations in
258. Printing and advertising salesmen
627. Printing and publishing mechanics and repairmen
652. Printing machine occupations
65 Printing occupations
659. Printing occupations, n.e.c.
651. Printing press occupations
303. Private family housekeepers
302. Private family laundresses
59 Processing occupations, n.e.c.
95 Production and distribution of utilities, occupations in
22 Production and material recording occupations
229. Production and material recording occupations, n.e.c.
221. Production clerks
692. Products from assorted materials, occupations in fabrication of (machine trades)
590. Products from assorted materials, occupations in processing
739. Products made from assorted materials, n.e.c., occupations in fabrication and repair of
73 Products made from assorted materials, occupations in fabrication and repair of
19 Professional, technical, and managerial occupations, miscellaneous
37 Protective service occupations
379. Protective service occupations, n.e.c.
045. Psychology, occupations in
188. Public administration managers and officials
165. Public relations management occupations
627. Publishing and printing mechanics and repairmen
351. Pullman porters and train attendants
914. Pumping and pipeline transportation occupations
676. Punching and boring occupations (stone, clay, glass, etc.)
615. Punching and shearing occupations (metalworking)
686. Punching, cutting, forming, and related occupations (textile)
781. Punching, laying out, marking, and cutting occupations, n.e.c. (textile, leather, and related products)
162. Purchasing management occupations
954. Purification, filtration, and distribution of water, occupations in

R

253. Radio and television broadcasting services salesmen
963. Radio and television production, n.e.c., occupations in
720. Radio and television receiving sets and phonographs, occupations in assembly and repair of
131. Radio, motion picture, and television writers and editors
193. Radio operators
622. Rail equipment mechanics and repairmen
198. Railroad conductors
910. Railroad transportation occupations
558. Reacting occupations, n.e.c. (chemicals, plastics, rubber, paint, etc.)
546. Reacting occupations, n.e.c. (petroleum, coal, gas, etc.)
250. Real estate and insurance salesmen
186. Real estate, finance, and insurance managers and officials
222. Receiving and shipping clerks
237. Receptionists and information clerks
96 Recreation, amusement, and motion picture occupations, n.e.c.
34 Recreation and amusement service occupations
349. Recreation and amusement service occupations, n.e.c.
159. Recreation and entertainment, n.e.c., occupations in
15 Recreation and entertainment, occupations in
955. Refuse and sewage, occupations in disposal of
075. Registered nurses
129. Religion and theology, n.e.c., occupations in
12 Religion and theology, occupations in
523. Rendering, heating, melting, drying, cooling, freezing, and related occupations
256. Repair and maintenance services salesmen
621. Repairmen and mechanics, aircraft
624. Repairmen and mechanics, farm
623. Repairmen and mechanics,marine
627. Repairmen and mechanics, printing and publishing
622. Repairmen and mechanics, rail equipment
194. Reproduction, sound recording, and transcribing occupations
813. Resistance welders
275. Restaurant and hotel equipment and supplies salesmen and salespersons
358. Restroom, checkroom, and locker room attendants
185. Retail and wholesale trade managers and officials
800. Riveters
513. Roasting occupations (ore refining and foundry)
866. Roofers and related occupations
292. Routemen
753. Rubber and plastic footwear, occupations in fabrication and repair of
559. Rubber, chemicals, plastics, synthetics, paint, and related products, n.e.c., occupations in processing of
55 Rubber, chemicals, plastics, synthetics, paint, and related products, occupations in processing of
690. Rubber, plastics, synthetics, and leather working occupations (machine trades)
759. Rubber, plastics, synthetics, and related products, n.e.c., occupations in fabrication and repair of
75 Rubber, plastics, synthetics, and related products, occupations in fabrication and repair of
270. Rubber products salesmen and salespersons

S

378. Sailors, soldiers, marines, airmen, and coast guardsmen, n.e.c.
163. Sales and distribution management occupations
290. Sales clerks
26 Salesmen and salespersons, commodities
25 Salesmen, services
259. Salesmen, services, n.e.c.
761. Sanding, laying-out, cutting, carving, and shaping wood products, n.e.c., occupations in
662. Sanding occupations (wood machining)
779. Sand, stone, clay, and glass products, n.e.c.. occupations in fabrication and repair of
77 Sand, stone, clay, and glass products, occupations in fabrication and repair of
562. Saturating, coating, and related occupations, n.e.c. (wood and wood products)
522. Saturating, culturing, melting, fermenting, distilling, pickling, aging, and related occupations (food, tobacco, etc.)
582. Saturating, washing, and steaming occupations (leather, textiles, etc.)
677. Sawing, chipping, cutting, and related occupations (stone, clay, glass, etc.)
607. Sawing occupations (metal machining)
667. Sawing occupations (wood machining)
716. Scientific and engineering instruments and equipment, n.e.c., occupations in fabrication and repair of

719. Scientific and medical apparatus, photographic and optical goods, watches and clocks, and related products, n.e.c., occupations in fabrication and repair of
71 Scientific and medical apparatus, photographic and optical goods, watches and clocks, and related products, occupations in fabrication and repair of
284. Scientific apparatus salesmen and salespersons
641. Scoring, folding, creasing, and gluing occupations
934. Screening and related occupations (extraction of minerals)
533. Screening, cooling, bleaching, washing, and related occupations (paper)
801. Screwing, fitting, bolting, and related occupations
148. Sculptors and related occupations
563. Seasoning, drying, and related occupations (wood and wood products)
553. Seasoning, heating, baking, drying, melting, and heat-treating occupations (chemicals, plastics, rubber, paint, etc.)
437. Seaweed and sponge gatherers
091. Secondary school education, occupations in
201. Secretaries
251. Securities salesmen
431. Seine, net, and trap fishermen
521. Separating, crushing, milling, chopping, grinding, and related occupations (food, tobacco, etc.)
581. Separating, filtering, and drying occupations (leather, textiles, etc.)
511. Separating, filtering, and related occupations (ore refining and foundry)
551. Separating, filtering, and straining occupations (chemicals, plastics, rubber, paint, etc.)
541. Separating, filtering, and straining occupations (petroleum, coal, gas, etc.)
571. Separating occupations (stone, clay, glass, etc.)
187. Service industry managers and officials
915. Servicemen and attendants, parking lots and services facilities
259. Services, n.e.c., salesmen
25 Services salesmen
955. Sewage and refuse, occupations in disposal of
786. Sewing-machine operators, garment
787. Sewing-machine operators, nongarment
642. Sewing occupations (paper)
675. Shaping and planing occupations, n.e.c.
580. Shaping, blocking, stretching, and tentering occupations (leather, textiles, etc.)
752. Shaping, fitting, cementing, finishing, and related occupations, n.e.c. (plastics, synthetics, rubber, etc.)
772. Shaping, glass blowing, pressing, and related occupations, n.e.c. (sand, stone, clay, and glass)
761. Shaping, laying-out, cutting, carving, and sanding wood products, n.e.c., occupations in
520. Shaping, mixing, compounding, blending, kneading, and related occupations (food, tobacco, etc.)
663. Shaving and shearing occupations (wood)
585. Shaving, singeing, cutting, shearing, and napping occupations (leather, textile, etc.)
615. Shearing and punching occupations (metalworking)
663. Shearing and shaving occupations (wood machining)
585. Shearing, singeing, cutting, shaving, and napping occupations (leather, textile, etc.)
613. Sheet and bar rolling occupations
703. Sheet-metal products, n.e.c., occupations in assembly and repair of
804. Sheet metal workers, tinsmiths, and coppersmiths
377. Sheriffs and bailiffs
197. Ship captains, mates, pilots, and engineers
222. Shipping and receiving clerks
350. Ship stewards and related occupations
365. Shoe and luggage repairmen and related occupations
296. Shoppers
587. Shrinking and brushing occupations
823. Signaling, communication, and detection equipment, electronic, occupations in assembly, installation, and repair of
822. Signaling, communication, and detection equipment, wire, occupations in assembly, installation, and repair of
283. Silverware and jewelry salesmen and salespersons
700. Silverware, jewelry, and related products, occupations in fabrication, assembly, and repair of
585. Singeing, cutting, shearing, shaving, and napping occupations
534. Sizing, calendering, coating, and related occupations
341. Skating rink, golf course, tennis court, and related facilities attendants
525. Slaughtering, breaking, curing, and related occupations
195. Social and welfare work, occupations in
059. Social sciences, n.e.c., occupations in
05 Social sciences, occupations in
054. Sociology, occupations in
814. Soldering, brazing, and braze-welding occupations
378. Soldiers, sailors, marines, airmen, and coast guardsmen, n.e.c.
293. Solicitors and canvassers
194. Sound recording, transcribing, and reproduction occupations
629. Special industry machinery mechanics
682. Spinning occupations
437. Sponge and seaweed gatherers
286. Sporting and amusement goods salesmen and salespersons
732. Sporting goods, occupations in fabrication and repair of
153. Sports and atheletics, occupations in
970. Spray, brush, or pen art work occupations
505. Spraying, coating, and related occupations, metal
741. Spray painters
742. Staining, waxing, and related occupations
583. Staking, ironing, pressing, glazing, calendering, and embossing occupations
961. Stand-ins and models, n.e.c.
950. Stationary engineers
862. Steam fitters, plumbers, gas fitters, and related occupations
582. Steaming, washing, and saturating occupations
956. Steam, occupations in distribution of
202. Stenographers
20 Stenography, typing, filing, and related occupations
209. Stenography, typing, filing, and related occupations, n.e.c.
975. Stereotypers and related occupations
310. Stewards and hostesses, food and beverage service, except ship stewards
352. Stewards and hostesses, n.e.c.
223. Stock clerks and related occupations
861. Stone and brick masons and tile setters
271. Stone, clay, and glass products salesmen and salespersons
679. Stone, clay, glass, and related materials, n.e.c., occupations in machining
67 Stone, clay, glass, and related materials, occupations in machining
579. Stone, clay, glass, and related products, n.e.c., occupations in processing of
57 Stone, clay, glass, and related products, occupations in processing of
771. Stonecutters and carvers (fabrication and repair)
670. Stonecutters and related occupations (machining)
861. Stone masons and brick and tile setters
779. Stone, sand, clay, and glass products, n.e.c., occupations in fabrication and repair of
77 Stone, sand, clay, and glass products, occupations in fabrication and repair of
727. Storage batteries, occupations in assembly of
922. Storing and moving materials, n.e.c., occupations in
551. Straining, filtering, and separating occupations (chemicals, plastics, rubber, paint, etc.)
541. Straining, filtering, and separating occupations (petroleum, coal, gas, etc.)
580. Stretching, shaping, blocking, and tentering occupations
891. Structural maintenance, n.e.c., occupations in
89 Structural work occupations, n.e.c.
542. Subliming, distilling, and carbonizing occupations
070. Surgeons and physicians
712. Surgical, medical, and dental instruments and supplies, occupations in fabrication and repair of
018. Surveyors, n.e.c.
559. Synthetics, chemicals, plastics, rubber, paint, and related products, n.e.c., occupations in processing of
55 Synthetics, chemicals, plastics, rubber, paint, and related products, occupations in processing of
690. Synthetics, plastics, rubber, and leather working occupations
759. Synthetics, plastics, rubber, and related products, n.e.c., occupations in fabrication and repair of
75 Synthetics, plastics, rubber, and related products, occupations in fabrication and repair of

T

785. Tailors and dressmakers
19 Technical, professional, and managerial occupations, miscellaneous
236. Telegraph operators
235. Telephone operators
253. Television and radio broadcasting services salesmen
963. Television and radio production, n.e.c., occupations in
720. Television and radio receiving sets and phonographs, occupations in assembly and repair of
212. Tellers
341. Tennis court, golf course, skating rinks, and related facilities attendants
580. Tentering, shaping, blocking, and stretching occupations
789. Textile, leather, and related products, n.e.c., occupations in fabrication and repair of
78 Textile, leather, and related products, occupations in fabrication and repair of
628. Textile machinery and equipment mechanics and repairmen
68 Textile occupations
689. Textile occupations, n.e.c.
589. Textiles, leather, and related products, n.e.c., occupations in processing of
58 Textiles, leather, and related products, occupations in processing of
263. Textiles, textile products, and apparel salesmen and salespersons
964. Theatrical and related entertainment production, n.e.c., occupations in
129. Theology and religion, n.e.c., occupations in
12 Theology and religion, occupations in
773. Tile, brick, and related products, occupations in coloring and decorating
861. Tile setters and brick and stone masons
940. Timber cutting and related occupations
804. Tinsmiths, coppersmiths, and sheet metal workers
750. Tires, tubes, tire treads, and related products, occupations in fabrication and repair of
790. Tobacco, food, and related products, n.e.c., occupations in preparation of (bench work)
529. Tobacco, food, and related products, n.e.c., occupations in processing of
52 Tobacco, food, and related products, occupations in processing of
262. Tobacco, foodstuffs, and beverages salesmen and salespersons
601. Toolmakers and related occupations
701. Tools and related products, occupations in fabrication, assembly, and repair of
731. Toys and games, occupations in fabrication and repair of
904. Trailer-truck drivers
351. Train attendants and pullman porters
166. Training and personnel administration occupations
194. Transcribing, sound recording, and reproduction occupations
137. Translators and interpreters
821. Transmission and distribution lines and circuits, occupations in assembly, installation, and repair of
952. Transmission, generation, and distribution of electric light and power, occupations in
957. Transmission of communications, n.e.c., occupations in
825. Transportation and materials handling equipment n.e.c., occupations in assembly, installation, and repair of
184. Transportation, communication, and utilities industry managers and officials
806. Transportation equipment assemblers and related occupations
807. Transportation equipment bodymen
845. Transportation equipment painters and related occupations
280. Transportation equipment salesmen and salespersons
91 Transportation occupations, n.e.c.
255. Transportation services salesmen
431. Trap, net, and seine fishermen
451. Trapping and hunting occupations
45 Trapping, hunting, and related occupations
905. Truck drivers, heavy
903. Truck drivers, inflammables
906. Truck drivers, light

750. Tubes, tires, tire treads, and related products, occupations in fabrication and repair of
604. Turning occupations (metal machining)
674. Turning occupations (stone, clay, glass, etc.)
664. Turning occupations (wood machining)
681. Twisting, beaming, warping, and related occupations
654. Typecasters and related occupations
650. Typesetters and composers (printing)
973. Typesetters, hand compositors, and related occupations (graphic art work)
20 Typing, filing, stenography, and related occupations
209. Typing, stenography, filing, and related occupations, n.e.c.
203. Typists

U

090. University and college education, occupations in
354. Unlicensed midwives and practical nurses
780. Upholstering, and fabrication and repair of mattresses and bedsprings, occupations in
344. Ushers
959. Utilities, n.e.c., occupations in production and distribution of
95 Utilities, occupations in production and distribution of
257. Utilities salesmen
637. Utilities service mechanics and repairmen
184. Utilities, transportation, and communication industry managers and officials

V

403. Vegetable farming occupations
073. Veterinarians
097. Vocational education, n.e.c., occupations in

W

311. Waiters, waitresses, and related food serving occupations
346. Wardrobe and dressing-room attendants
681. Warping, twisting, beaming, and related occupations
533. Washing, cooling, bleaching, screening, and related occupations (paper)
582. Washing, steaming, and saturating occupations (leather, textiles, etc.)
719. Watches and clocks, photographic and optical goods, scientific and medical apparatus, and related products, n.e.c., occupations in fabrication and repair of
71 Watches and clocks, scientific and medical apparatus, photographic and optical goods, and related products, occupations in fabrication and repair of
715. Watches, clocks, and parts, occupations in fabrication and repair of
372. Watchmen and guards, except crossing watchmen
954. Water filtration, purification, and distribution of, occupations in
843. Waterproofing and related occupations
84 Waterproofing, painting, plastering, cementing, and related occupations
849. Waterproofing, painting, plastering, cementing, and related occupations, n.e.c.
911. Water transportation occupations
742. Waxing, staining, and related occupations
683. Weavers and related occupations
224. Weighers
810. Welders, arc
812. Welders, combination arc and gas
81 Welders, flame cutters, and related occupations
819. Welders, flame cutters, and related occupations, n.e.c.
811. Welders, gas
813. Welders, resistance
195. Welfare and social work, occupations in
435. Whaling occupations
185. Wholesale and retail trade managers and officials
640. Winding, paper cutting, and related occupations
298. Window trimmers and display men
728. Wire and cable, electrical, occupations in fabrication of
691. Wire and cable, insulated, occupations in fabrication of
822. Wire communication, detection, and signaling equipment, occupations in assembly, installation, and repair of
569. Wood and wood products, n.e.c., occupations in processing of
56 Wood and wood products, occupations in processing of
66 Wood machining occupations
669. Wood machining occupations, n.e.c.
561. Wood preserving and related occupations
762. Wood products, n.e.c., occupations in assembling
769. Wood products, n.e.c., occupations in fabrication and repair of
76 Wood products, occupations in fabrication and repair of
131. Writers and editors, motion picture, radio, and television
132. Writers and editors, publications
139. Writing, n.e.c., occupations in
13 Writing, occupations in

Y

304. Yardmen and housemen

OCCUPATIONAL GROUP ARRANGEMENT OF TITLES AND CODES

0/1 PROFESSIONAL, TECHNICAL, AND MANAGERIAL OCCUPATIONS

This category includes occupations concerned with the theoretical or practical aspects of such fields of human endeavor as art, science, engineering, education, medicine, law, business relations, and administrative, managerial, and technical work. Most of these occupations require substantial educational preparation (usually at the university, junior college, or technical institute level).

00 01 **OCCUPATIONS IN ARCHITECTURE AND ENGINEERING**

This division includes occupations concerned with the practical application of physical laws and principles of engineering and/or architecture for the development and utilization of machines, materials, instruments, structures, processes, and services. Typical specializations are research, design, construction, testing, procurement, production, operations, and sales. Also includes preparation of drawings, specifications, and cost estimates, and participation in verification tests.

001. **Architectural Occupations**

This group includes occupations concerned with the design and construction of buildings and related structures, and/or floating structures, according to aesthetic and functional factors.

001.081 ARCHITECT (profess. & kin.)
ARCHITECT, MARINE (profess. & kin.)
architect, naval
naval designer
001.168 SCHOOL-PLANT CONSULTANT (education)
901.281 DRAFTSMAN, ARCHITECTURAL (profess. & kin.)
Draftsman, Tile and Marble (profess. & kin.)

002. **Aeronautical Engineering Occupations**

This group includes occupations concerned with the design and construction of aircraft, spacecraft, and missiles. Accessory techniques required are those used in mechanical, electrical, electronic, and powerplant engineering. Typical specializations are aerodynamics, design, electronics, flight-testing, structural dynamics, thermodynamics, and weapons-control research.

002.081 AERODYNAMIST (aircraft mfg.)
aerodynamicist
aerodynamics engineer
aerophysics engineer
Thermodynamics Engineer (aircraft mfg.)
AERONAUTICAL ENGINEER (profess. & kin.)
AIRCRAFT DESIGNER (aircraft mfg.)
airplane designer
design engineer, aeronautical
master-lay-out man
Wind-Tunnel-Model-Design Engineer (aircraft mfg.)
ENGINEER, CONTROLS (aircraft mfg.)
ENGINEERING DESIGNER, AIRCRAFT STRUCTURES (aircraft mfg.)
designer
draftsman
engineering designer
engineer, lay-out
engineer, structures
ENGINEER, STANDARDS AND ANALYSIS (aircraft mfg.)
FLIGHT ANALYST (aircraft mfg.)
test engineer
PROPULSION-SYSTEMS-DESIGN ENGINEER (aircraft mfg.)
RESEARCH ENGINEER, AERONAUTICAL (aircraft mfg.)

002.081 Con. STRESS ANALYST, AIRCRAFT (aircraft mfg.)
aircraft-structural engineer
stress engineer
TEST ENGINEER, AIRCRAFT (aircraft mfg.)
flight-test engineer
WIND-TUNNEL-TEST ENGINEER (aircraft mfg.)
002.168 INSPECTOR, MATERIAL TEST (aircraft mfg.)
002.187 COST-ANALYSIS ENGINEER (aircraft mfg.)
FIELD-SERVICE ENGINEER (aircraft mfg.)
service engineer
MISSILE-TEST ENGINEER (aircraft mfg.)
002.188 ENGINEERING SCHEDULER (aircraft mfg.)
002.280 RESEARCH MECHANIC (aircraft mfg.) I
laboratory test mechanic
test analyst, aircraft
002.281 DESIGN DRAFTSMAN, RAM-JET ENGINE (profess. & kin.)
DRAFTSMAN, AERONAUTICAL (profess. & kin.)
ENGINEERING CHECKER (aircraft mfg.)
checker
drawing checker
engineering-drawings checker
FLIGHT-TEST-DATA TRANSCRIBER (aircraft mfg.)
002.288 SPECIFICATION WRITER, AIRPLANES (profess. & kin.)
airplane-specifications engineer

003. **Electrical Engineering Occupations**

This group includes occupations concerned with the application of the laws of electrical energy and the principles of engineering for the generation, transmission, and use of electricity. Also includes the design and development of machinery and equipment for production and utilization of electric power. Accessory techniques needed are those used in mechanical, power, and process engineering. Typical specializations are power generation and distribution, atomic power generation, electrical and electronic equipment manufacturing, radio and television broadcasting, research, and telephone, telegraph, and electronic computer engineering.

003.081 ELECTRICAL ENGINEER (profess. & kin.)
ELECTRICAL-EQUIPMENT ENGINEER (profess. & kin.)
ELECTRICAL-PROSPECTING ENGINEER (petrol. production)
electrical engineer, geophysical prospecting
SIGNAL ENGINEER (profess. & kin.)
ELECTRICAL-RESEARCH ENGINEER (profess. & kin.)
ELECTRONIC ENGINEER (profess. & kin.)
Engineer, Instrumentation (profess. & kin.)
Systems Engineer (profess. & kin.)
Thermionics Engineer (profess. & kin.)
AUDIO ENGINEER (profess. & kin.)
acoustical engineer
sound engineer
ELECTRONIC-ORGAN ENGINEER (profess. & kin.)
ILLUMINATING ENGINEER (profess. & kin.)
lighting engineer
BUILDING-ILLUMINATING ENGINEER (profess. & kin.)
ILLUMINATING-RESEARCH ENGINEER (profess. & kin.)
Photometric Engineer (profess. & kin.)

003.081 Con. INDUSTRIAL-ILLUMINATING ENGINEER (profess. & kin.)
OUTDOOR-ILLUMINATING ENGINEER (profess. & kin.)
POWER-PLANT ENGINEER (light, heat, & power)
RADIO ENGINEER (profess. & kin.)
RADIO-DESIGN ENGINEER (profess. & kin.)
Antenna Engineer (profess. & kin.)
Radar Engineer (profess. & kin.)
Television Engineer (profess. & kin.)
RADIO-RESEARCH ENGINEER (profess. & kin.)
radio technician
ROCKET-ENGINE-TEST ENGINEER (aircraft mfg.)
TELEGRAPH ENGINEER (tel. & tel.)
Division-Plant Engineer (tel. & tel.)
TELEPHONE ENGINEER (tel. & tel.)
EQUIPMENT ENGINEER (tel. & tel.)
LINE-CONSTRUCTION ENGINEER (tel. & tel.)
district engineer
TELECOMMUNICATIONS-SERVICE ENGINEER (tel. & tel.)
planner, telecommunication service
services engineer
003.151 INDUSTRIAL-POWER ENGINEER (light, heat, & power)
power salesman
salesman, industrial power
SPECIAL-SERVICE REPRESENTATIVE (tel. & tel.)
003.168 SUPERVISOR, ELECTRONIC MAINTENANCE (gov. ser.)
003.181 ELECTRICAL TECHNICIAN (profess. & kin.)
electric-laboratory technician
ELECTRONIC TECHNICIAN (profess. & kin.)
Computer-Laboratory Technician (profess. & kin.)
Development-Instrumentation Technician (profess. & kin.)
Electronic-Communications Technician (profess. & kin.)
Electronic Technician, Nuclear Reactor (profess. & kin.)
SYSTEMS-TESTING-LABORATORY TECHNICIAN (profess. & kin.)
003.187 COMMERCIAL ENGINEER (radio & tv broad.)
traffic engineer
DISTRIBUTION-FIELD ENGINEER (light, heat, & power)
line inspector
ELECTRICAL ENGINEER, POWER (light, heat, & power)
DISTRIBUTION ENGINEER (light, heat, & power)
electric-distribution engineer
Overhead-Distribution Engineer (light, heat, & power)
Rural-Service Engineer (light, heat, & power)
Substation Engineer (light, heat, & power)
Underground-Distribution Engineer (light, heat, & power)
INDUCTIVE-COORDINATION ENGINEER (light, heat, & power)
PLANT ENGINEER, ELECTRICAL (profess. & kin.)

003.187 Con.
PROTECTION ENGINEER (light, heat, & power)
Grounding Engineer (light, heat, & power)
Relay Engineer (light, heat, & power)
SYSTEM-PLANNING ENGINEER (light, heat, & power)
development-and-planning engineer
planning engineer
TRANSMISSION ENGINEER (light, heat, & power)
electrical-transmission engineer
transmission and coordination engineer
transmission-line engineer
ELECTROLYSIS-AND-CORROSION-CONTROL ENGINEER (profess. & kin.)
corrosion-control specialist
corrosion engineer
electrolysis engineer
electrolysis investigator
OUTSIDE-PLANT ENGINEER (tel. & tel.)
cable-construction engineer
field engineer
CABLE ENGINEER (tel. & tel.)
RADIO ENGINEER (radio & tv broad.)
engineer, chief
engineer-in-charge
radio operator, chief
station engineer
technician, senior
SYSTEMS ENGINEER, ELECTRONIC DATA PROCESSING (profess. & kin.)
computer systems engineer
methods analyst, electronic data processing
TRANSMISSION-AND-PROTECTION ENGINEER (tel. & tel.)
transmission engineer
TRANSMISSION ENGINEER (radio & tv broad.)

003.281 DRAFTSMAN, ELECTRICAL (profess. & kin.)
DRAFTSMAN, RELAY (light, heat, & power)
DRAFTSMAN, ELECTRONIC (profess. & kin.)
Draftsman, Radio (radio & tv broad.)
ESTIMATOR AND DRAFTSMAN (light, heat, & power)
detail and lay-out draftsman
distribution estimator
lay-out and detail draftsman
INSTRUMENTATION TECHNICIAN (profess. & kin.)
Environmental-Research-Test Technician (profess. & kin.)
Rocket-Control Technician (profess. & kin.)

005. Civil Engineering Occupations

This group includes occupations concerned with the design and construction of static structures, such as buildings, bridges, roads, harbors, airfields, dams, tunnels, and water supply and sewage systems. Frequently requires a knowledge of industrial trends, population growth, zoning laws, and State and local building codes and ordinances. Accessory techniques needed are those used in chemical, electrical, mechanical, and mining engineering. Typical specializations are construction; hydraulics; structures; purification plants; city planning; materials; and airport, railroad, irrigation, sewage disposal, sanitary, and highway engineering.

005.081 AIRPORT ENGINEER (profess. & kin.)
CIVIL ENGINEER (profess. & kin.)
CONSTRUCTION ENGINEER (profess. & kin.)
erecting engineer
Building-Construction Engineer (const.)
Chimney Engineer (const.)
Civil Engineer, Oil Field (profess. & kin.)
Civil Engineer, Pipe-Line Construction (profess. & kin.)
STRUCTURAL DESIGNER (profess. & kin.)
HIGHWAY ENGINEER (profess. & kin.)
HYDRAULIC ENGINEER (profess. & kin.)
hydrologic engineer

005.081 Con.
IRRIGATION ENGINEER (agric.)
MATERIALS ENGINEER (profess. & kin.)
RAILROAD ENGINEER (profess. & kin.)
SANITARY ENGINEER (profess. & kin.)
public-health engineer
PURIFICATION-PLANT OPERATOR (profess. & kin.)
Softening-Plant Operator (profess. & kin.)
SEWAGE-DISPOSAL ENGINEER (profess. & kin.)
STRUCTURAL ENGINEER (const.)
Structural-Steel Designer (const.)

005.168 CHIEF ENGINEER, WATERWORKS (waterworks)
HIGHWAY-ADMINISTRATIVE ENGINEER (gov. ser.)
director, traffic and planning
SUPERINTENDENT, WATER-AND-SEWER SYSTEMS (waterworks)
water-distribution superintendent
water superintendent

005.187 FOREST ENGINEER (logging)

005.188 SUPERVISOR, WATERWORKS (waterworks)
water-sanitation supervisor
water-supply supervisor

005.281 DESIGNER, HIGHWAYS (gov. ser.)
DRAFTSMAN, CIVIL (profess. & kin.)
draftsman, civil engineering
draftsman, construction
draftsman, engineering
Draftsman, Reinforced Concrete (profess. & kin.)
Draftsman, Water and Sewage (profess. & kin.)
DRAFTSMAN, STRUCTURAL (profess. & kin.)

006. Ceramic Engineering Occupations

This group includes occupations concerned with the design, manufacture, and application of products made from nonmetallic minerals and rocks; and the design, construction, and control of necessary equipment and tools for the manufacture of such products. Accessory techniques include those used in chemical, mechanical, and electrical engineering, and physics and mineralogy. Typical specializations are structural materials, abrasives, cements, glass, whiteware, and refractories.

006.081 CERAMIC ENGINEER (profess. & kin.)

007. Mechanical Engineering Occupations

This group includes occupations concerned with the application of the principles of physics and engineering for the generation, transmission, and utilization of heat and mechanical power, and for the design and production of tools and machines. Accessory techniques needed may be those used in electrical, metallurgical, and civil engineering. Typical specializations are power generation and transmission, hydraulics, instrumentation, automotive engineering, railroad equipment engineering, heating and ventilating, air conditioning, machine design, and research.

007.081 AIR-CONDITIONING ENGINEER (profess. & kin.)
AUTOMOTIVE ENGINEER (auto. mfg.)
DAIRY-PLANT ENGINEER (profess. & kin.)
DESIGNER, ARMS (firearms)
INTERNAL - COMBUSTION - ENGINE DESIGNER (profess. & kin.)
LUBRICATION ENGINEER (profess. & kin.)
MECHANICAL ENGINEER (profess. & kin.)
OPTICAL TECHNICIAN (optical goods) I
POWER-PLANT ENGINEER, STEAM (profess. & kin.)
power engineer
PRODUCT-DESIGN ENGINEER, CHIEF (clock & watch)
REFRIGERATION ENGINEER (profess. & kin.)
STEAM-DISTRIBUTION ENGINEER (light, heat, & power)
TOOL DESIGNER (profess. & kin.)
development mechanic
general-and-special-tools investigator and planner
machine-tool-and-die technician
tool-and-equipment design specialist

007.081 Con.
GAGE DESIGNER (profess. & kin.)
analyst, gage design and planning
SMALL-TOOL DESIGNER (profess. & kin.)
TOOL-DESIGNER APPRENTICE (profess. & kin.)
TOOL ENGINEER (profess. & kin.)
Design Engineer, Oil-Well Equipment (petrol. production)
Machine-Tool Designer (profess. & kin.)
UTILIZATION ENGINEER (light, heat, & power)
Liquefied - Petroleum - Gas Engineer (light, heat, & power)
VALVE-DESIGNING ENGINEER (profess. & kin.)

007.151 HEATING ENGINEER (light, heat, & power)
heating specialist

007.168 CHIEF ENGINEER (mach. tool & access.)
TOOL ENGINEER, CHIEF (clock & watch)

007.181 DIE DESIGNER (mach. shop)
design leader
die-design draftsman
die-developing man
DIE CHECKER (mach. shop) I
die-design checker
DIE-DESIGNER APPRENTICE (mach. shop)
ENGINEERING ASSISTANT, MECHANICAL EQUIPMENT (profess. & kin.)
associate mechanical engineer
design engineer
draftsman
engineering assistant
industrial designer, stylist
lay-out draftsman
mechanical design technician
product designer
project engineer
MECHANICAL-ENGINEERING TECHNICIAN (profess. & kin.)
engineering technician
experimental technician
laboratory-development technician
mechanical technician

007.187 DESIGN CHECKER (profess. & kin.)
GAS-DISTRIBUTION ENGINEER (light, heat, & power)
PLANT ENGINEER (profess. & kin.)
factory engineer
superintendent, mechanical
TOOL-DRAWING CHECKER (aircraft mfg.)
checker
TOOL PROGRAMER, NUMERICAL CONTROL (any ind.)
computer-programer, numerical machine tool
tool and production planner, numerical control
tool programer, automatic
tool programer, tape

007.281 DRAFTSMAN, MECHANICAL (profess. & kin.)
draftsman, engineering
DRAFTSMAN, CASTINGS (profess. & kin.)
DRAFTSMAN, PATENT (profess. & kin.)
DRAFTSMAN, TOOL DESIGN (profess. & kin.)
LAY-OUT MAN AND CHECKER (profess. & kin.)
lay-out checker
lay-out draftsman

008. Chemical Engineering Occupations

This group includes occupations concerned with the application of chemistry and other sciences, such as physics and mathematics, and of engineering principles to manufacturing operations which involve chemical processes. Also includes the design, construction, and operation of industrial plants carrying out chemical processes. Typical specializations are industrial chemicals, plastics, synthetic textiles, foods, rubber products, nuclear fuels, and petroleum refining.

008.081 CHEMICAL ENGINEER (profess. & kin.)
ABSORPTION-AND-ADSORPTION ENGINEER (profess. & kin.)
adsorption-and-absorption engineer
ELECTROCHEMICAL ENGINEER (profess. & kin.)
HEAT-TRANSFER ENGINEER (profess. & kin.)
heat-transmission engineer

008.081 Con.
MATERIALS-HANDLING ENGINEER (profess. & kin.)
Fluid-Flow Engineer (profess. & kin.)
MEASUREMENT-AND-CONTROL ENGINEER (profess. & kin.)
process engineer
MIXING ENGINEER (profess. & kin.)
SEPARATION ENGINEER (profess. & kin.)
Electrical-Separation Engineer (profess. & kin.)
Mechanical-Separation Engineer (profess. & kin.)
Phase-Change-Separation Engineer (profess. & kin.)
SIZE-REDUCTION ENGINEER (profess. & kin.)
COMBUSTION ENGINEER (profess. & kin.)

008.380 ANALYTICAL RESEARCH TECHNICIAN, RESINS AND ADHESIVES (chem.)
special adhesive technician
technical plastics specialist
PILOT-PLANT OPERATOR (petrol. refin.)

010. Mining and Petroleum Engineering Occupations

This group includes occupations concerned with the extraction of minerals from the earth, including planning the development of the mine. Accessory techniques include those used in geology and in civil, mechanical, electrical, metallurgical, and chemical engineering. Typical specializations are according to activities involved, such as exploration, extraction, mine layout, safety, research, and supervision and management; or according to type of substance involved, such as metals, nonmetallic minerals, coal, or petroleum and natural gas.

010.081 MINING ENGINEER (profess. & kin.)
PETROLEUM ENGINEER (petrol. production)
Gas Engineer (petrol. production)
DIRECTIONAL-DRILLING ENGINEER (petrol. production)
drilling engineer
DISTRICT SUPERVISOR, MUD-ANALYSIS WELL LOGGING (petrol. production)
mud-analysis-well-logging supervisor, district
mud engineer
mud-logging superintendent
SAFETY ENGINEER, MINES (profess. & kin.)
director, safety
safety man

010.151 SALES ENGINEER, OIL-WELL SERVICES (petrol. production)

010.168 COMPUTER, CHIEF, SEISMOGRAPH (petrol. production)
ENGINEER, CHIEF (petrol. production; pipe lines)
Engineer, Chief, Drilling and Recovery (petrol. production)
Engineer, Chief, Pipe Line (petrol. production)
Engineer, Chief, Production (petrol. production)
FIELD ENGINEER (petrol. production; pipe lines)
OBSERVER, SEISMIC PROSPECTING (petrol. production)
field seismologist
geophysical operator
section-plotter operator
PETROLEUM ENGINEER, CHIEF (petrol. production)
RESEARCH ENGINEER, CHIEF (petrol. production)
SCOUT, CHIEF (petrol. production)
scout, senior
SUPERINTENDENT, OIL-WELL SERVICES (petrol. production)
manager, oil-well services
WELL-LOGGING CAPTAIN, MUD ANALYSIS (petrol. production)
mud-analysis-well-logging captain

010.187 MINING INVESTIGATOR (petrol. production)

010.281 CORE ANALYST (petrol. production)
core-analysis engineer
DRAFTSMAN, GEOLOGICAL (petrol. production)
DRAFTSMAN, DIRECTIONAL SURVEY (petrol. production)

010.281 Con.
DRAFTSMAN, GEOPHYSICAL (petrol. production)
Draftsman, Seismograph (petrol. production)
DRAFTSMAN, MINE (mining & quarrying)
FIELD ENGINEER, SPECIALIST (petrol. production)
TEST-ENGINE EVALUATOR (petrol. refin.)
research-test-engine evaluator
WELL-LOGGING OPERATOR, MUD ANALYSIS (petrol. production)
mud-analysis-well-logging operator

010.288 COMPUTER, PROSPECTING (petrol. production)
Computer, Electrical Prospecting (petrol. production)
Computer, Gravity Prospecting (petrol. production)
Computer, Magnetic Prospecting (petrol. production)
COMPUTER, SEISMOGRAPH (petrol. production)
seismic coordinator
OBSERVER, ELECTRICAL PROSPECTING (petrol. production)
electrical-logging engineer
electrical-prospecting operator
OBSERVER, GRAVITY PROSPECTING (petrol. production)
gravity-prospecting operator
recorder, gravity prospecting
Gravity-Meter Observer (mining & quarrying; petrol. production)
Magnetometer Operator (mining & quarrying; petrol. production)
SCOUT (petrol. production)
SURVEYOR, OIL-WELL DIRECTIONAL (petrol. production)
oil-well-logging engineer
Acoustical Logging Engineer (petrol. production)
Nuclear Logging Engineer (petrol. production)

011. Metallurgy and Metallurgical Engineering Occupations

This group includes occupations concerned with the extraction of metals from ores, and their processing and conversion into final shape. Also includes the design and development of process methods. Accessory techniques needed include those used in chemistry, geology, ceramics, mineralogy, and in mining, chemical, and mechanical engineering. Typical specializations are research, testing, new materials, inspection, and mechanical design.

011.081 FOUNDRY METALLURGIST (found.)
foundry technician
METALLURGIST, EXTRACTIVE (profess. & kin.)
metallurgist, process
METALLURGIST, PHYSICAL (profess. & kin.)
radiologist
METALLOGRAPHER (profess. & kin.)
PATTERN ENGINEER (profess. & kin.)
WELDING ENGINEER (profess. & kin.)

011.168 DIRECTOR, PHYSICAL TESTING (profess. & kin.)
chief tester
physical-testing foreman

011.281 LABORATORY ASSISTANT, METALLURGICAL (iron & steel)
metallurgical analyst
metallurgical inspector
METALLURGIST, ASSISTANT (profess. & kin.)
metallurgical-laboratory assistant
metallurgical tester
physical-laboratory assistant
SPECTROSCOPIST (profess. & kin.)
spectrographer
spectrographic analyst

011.381 TESTER (profess. & kin.)
physical tester
testing-machine operator
Chain-Stretcher Inspector (profess. & kin.)
Sheet Tester (iron & steel)
TESTER, GENERAL AIRCRAFT MATERIALS (aircraft mfg.)
analyst, production development
research-and-static-test mechanic
test analyst, aircraft

012. Industrial Engineering Occupations

This group includes occupations concerned with the design and installation of integrated systems of personnel, materials, machinery, and equipment. Accessory techniques may include those used in mechanical and various other engineering specialities. Typical specializations are plant layout; production methods and standards; cost control; quality control; time, motion, and incentive studies; and methods, production, and safety engineering.

012.081 SAFETY ENGINEER (profess. & kin.)
director, safety
safety coordinator
safety-device man
safety man
safety supervisor

012.168 DIRECTOR, QUALITY CONTROL (profess. & kin.)
quality-control supervisor
METHODS ENGINEER, CHIEF (profess. & kin.)
methods-and-planning engineer, chief
SUPERVISOR, VENDOR QUALITY (aircraft mfg.)
chief, vendor quality
SYSTEMS ANALYST BUSINESS ELECTRONIC-DATA PROCESSING (profess. & kin.)
commercial-systems analyst and designer
data-methods analyst
systems and procedures analyst, business data processing

012.187 MANUFACTURING ENGINEER (profess. & kin.)

012.188 EFFICIENCY ENGINEER (profess. & kin.)
ENGINEERING LIAISON MAN (profess. & kin.)
shop investigator
FACTORY-LAY-OUT MAN (profess. & kin.)
planning engineer
FIRE-PREVENTION RESEARCH ENGINEER (profess. & kin.)
loss-prevention research engineer
FIRE-PROTECTION ENGINEER (profess. & kin.)
fire-loss-prevention engineer
INDUSTRIAL ENGINEER (profess. & kin.)
management engineer
INDUSTRIAL-HEALTH ENGINEER (profess. & kin.)
industrial-hygiene engineer
LIAISON MAN, TOOL FABRICATION (aircraft mfg.)
tool-project man
MATERIAL SCHEDULER (aircraft mfg.)
material planner
material-release analyst
material-requirements man
METHODS ENGINEER (profess. & kin.)
lay-out engineer
methods designer
planning engineer
Horological-Methods Engineer (clock & watch)
TOOL-PLANNING ENGINEER (profess. & kin.)
PROCESS-DESCRIPTION WRITER (any ind.)
instructions supervisor
PRODUCTION ENGINEER (profess. & kin.) I
PRODUCTION PLANNER (profess. & kin.)
methods-and-processing man
planner, chief
planning supervisor
process planner
production-planning supervisor
production scheduler
scheduler
tool-and-production planner
QUALITY-CONTROL ENGINEER (profess. & kin.)
reliability engineer
SHOE-LAY-OUT MAN (boot & shoe)
shoe planner
SUPERVISOR, MOBILIZATION PLANNING (profess. & kin.)
TIME-STUDY ENGINEER (profess. & kin.)
efficiency expert
manager, production
methods-and-procedures man
production engineer
production expert
standards engineer
time-study analyst
waste-elimination man
work-measurement engineer

012.188 TOOL PLANNER (any ind.)
Con. process man
012.281 AIR ANALYST (profess. & kin.)
air tester
SMOKE TESTER (ore dress., smelt., & refin.)
012.288 INDUSTRIAL ENGINEERING TECHNICIAN (profess. & kin.)
Methods-Study Analyst (profess. & kin.)
Motion-Study Analyst (profess. & kin.)
Pace Analyst (profess. & kin.)
Time-Study Analyst (profess. & kin.) II

013. Agricultural Engineering Occupations

This group includes occupations concerned with the application of engineering principles and techniques for the solution of agricultural problems. Also includes the design and development of agricultural machinery and structures. Accessory techniques needed may be those used in civil, mechanical, power, and electrical engineering; mineralogy; chemistry; and biology. Typical specializations are soil and water conservation; farm electrification; farm fire protection; pest control; and farm power and machinery, farm structures, and rural roads engineering.

013.081 AGRICULTURAL ENGINEER (profess. & kin.)
013.181 AGRICULTURAL-ENGINEERING TECHNICIAN (profess. & kin.)

014. Marine Engineering Occupations

This group includes occupations concerned with the design, development, and installation of ship machinery and related equipment including propulsion machines and power supply systems. Accessory techniques needed are those used in mechanical and electrical engineering. Typical specializations are construction and repair, design and layout, consulting, research, and the administration of engineering enterprises and governmental regulatory activities.

014.081 MARINE ENGINEER (profess. & kin.)
014.187 MARINE ENGINEER (ship & boat bldg. & rep.)
PORT ENGINEER (ship & boat bldg. & rep.)
014.188 DRAFTSMAN, HULL-BALLAST CALCULATION (ship & boat bldg. & rep.)
DRAFTSMAN, HULL-STRESS CALCULATION (ship & boat bldg. & rep.)
014.281 DRAFTSMAN, MARINE (profess. & kin.)
DRAFTSMAN, HULL (profess. & kin.)
DRAFTSMAN, HYDRAULIC (ship & boat bldg. & rep.)
DRAFTSMAN, SHEET METAL (ship & boat bldg. & rep.)
DRAFTSMAN, SHIP ENGINEERING (profess. & kin.)

015. Nuclear Engineering Occupations

This group includes occupations concerned with the application of scientific knowledge of nuclear reactions and radiations, and principles of engineering for the production of heat and power, transmutation of elements, and production of neutrons, gamma radiation, and radioisotopes.

015.081 NUCLEAR ENGINEER (profess. & kin.)
nucleonics engineer
015.181 ACCELERATOR OPERATOR (profess. & kin.)
particle-accelerator operator
Betatron Operator (profess. & kin.)
Cosmotron Operator (profess. & kin.)
Synchrotron Operator (profess. & kin.)
GAMMA-FACILITIES OPERATOR (chem.)
pile operator
reactor-service operator
SCANNER (profess. & kin.)
015.380 HOT-CELL TECHNICIAN (chem.)
remote operator
RADIOISOTOPE-PRODUCTION OPERATOR (chem.)
TEST-REACTOR OPERATOR (profess. & kin.)
nuclear-reactor technician
reactor technician

017. Draftsmen, n.e.c.

This group includes occupations, not elsewhere classified, concerned with preparing drawings used to communicate engineering ideas and information.

017.168 DRAFTSMAN, CHIEF, DESIGN (light, heat, & power)
SUPERVISOR, MAPPING (petrol. production; pipe lines)
SUPERVISOR, TOPOGRAPHICAL MAPPING (profess. & kin.)
supervisor, mosaicist
017.281 AUTO-BODY DESIGNER (auto. mfg.)
body designer, auto
designer, auto body
AUTO-BODY LAY-OUT DRAFTSMAN (auto. mfg.)
body draftsman, auto design
draftsman, auto-body design
lay-out man, auto-body design
CABLE-LAY-OUT MAN (tel. & tel.)
DESIGN DRAFTSMAN, ELECTROMECHANISMS (profess. & kin.)
DETAILER (profess. & kin.)
AUTO-BODY-DESIGN DETAILER (auto. mfg.)
body-design detailer, auto
detailer, auto-body design
panel detailer
DETAIL MAN, FURNITURE (profess. & kin.)
DRAFTSMAN, DETAIL (profess. & kin.)
detail man
mill detailer
DRAFTSMAN, SHIP DETAIL (profess. & kin.)
DRAFTSMAN APPRENTICE (profess. & kin.)
DRAFTSMAN, BLACK AND WHITE (profess. & kin.)
delineator
DRAFTSMAN, COMMERCIAL (profess. & kin.)
DRAFTSMAN, HEATING AND VENTILATING (profess. & kin.)
DRAFTSMAN, MAP (profess. & kin.)
cartographer
map maker
mapper
Draftsman, Records (profess. & kin.)
DRAFTSMAN, OIL AND GAS (petrol. production; petrol. refin.)
DRAFTSMAN, PLUMBING (profess. & kin.)
DRAFTSMAN, REFRIGERATION (profess. & kin.)
DRAFTSMAN, TOPOGRAPHICAL (profess. & kin.)
photo-cartographer
MULTIPLEX-PROJECTION TOPOGRAPHER (profess. & kin.)
multiplex operator
stereo operator
stereo-plotter operator
stereoptic projection topographer
TECHNICAL ILLUSTRATOR (profess. & kin.)
engineering illustrator
production illustrator
TRACER (any ind.)
draftsman, junior

018. Surveyors, n.e.c.

This group includes occupations, not elsewhere classified, concerned with determining and identifying the shape, contour, location, and dimensions of land or land features.

018.168 CHIEF LAND EXAMINER (gov. ser.)
CHIEF OF PARTY (profess. & kin.) II
018.181 SURVEYOR, TOPOGRAPHICAL PHOTOGRAPHY (profess. & kin.)
018.187 PHOTOGRAMMETRIC ENGINEER (profess. & kin.)
018.188 INSTRUMENT MAN (profess. & kin.)
LEVEL MAN (profess. & kin.)
PLANE-TABLE MAN (profess. & kin.)
plane-table operator
SURVEYOR, GEOPHYSICAL PROSPECTING (petrol. production)
TRANSIT MAN (profess. & kin.)
SURVEYOR (profess. & kin.)
chief of party
party chief
Surveyor, Highway (profess. & kin.)
Surveyor, Licensed Land (profess. & kin.)
Surveyor, Registered Land (profess. & kin.)
GEODETIC COMPUTER (gov. ser.)
computer
topographic computer
SURVEYOR, DEPUTY (mining & quarrying)
surveyor, mineral
018.188 SURVEYOR, MARINE (profess. & kin.)
Con. surveyor, hydrographic
SURVEYOR, MINE (mining & quarrying)
SURVEYOR, GEODETIC (profess. & kin.)
018.281 EDITOR, MAP (profess. & kin.)
MOSAICIST (profess. & kin.)
lay-out man
PHOTOGRAMMETRIST (profess. & kin.)
cartographic technician
photogrammetric technician
018.288 COMPASS MAN (forestry; logging)
018.587 RODMAN (any ind.)
surveyor assistant
surveyor helper
018.687 CHAINMAN (any ind.)
surveyor assistant
surveyor helper
tapeman
LIGHTKEEPER, TRIANGULATION (any ind.)
signalman

019. Occupations in Architecture and Engineering, n.e.c.

This group includes occupations, not elsewhere classified, concerned with the application of the practical and theoretical aspects of engineering.

019.081 INSPECTOR, CHIEF (fabric. plastics prod.; rubber goods)
LANDSCAPE ARCHITECT (profess. & kin.)
community planner
land planner
site planner
Highway-Landscape Architect (profess. & kin.)
Park-Landscape Architect (profess. & kin.)
OPTICAL ENGINEER (profess. & kin.)
optical designer
ORDNANCE ENGINEER (ammunition; explosives)
ordnanceman, inspection
Ordnance Engineer, Munitions (ammunition; explosives)
Ordnance Engineer, Propellants (explosives)
PHOTOGRAPHIC ENGINEER (profess. & kin.)
photographic technologist
019.168 SUPERVISOR, ESTIMATOR AND DRAFTSMAN (light, heat, & power)
019.181 AUTO-BODY-DESIGN CHECKER (auto. mfg.)
body-design checker, auto
checker, auto-body design
design checker, auto body
019.187 DRAINAGE-DESIGN COORDINATOR (waterworks)
PACKAGING ENGINEER (paper goods)
SALVAGE ENGINEER (profess. & kin.)
YIELD-LOSS-AND-SANITATION ENGINEER (corn prod.)
019.188 TRAFFIC ENGINEER (gov. ser.)
Superintendent, Traffic (gov. ser.)
019.281 DRAFTSMAN, LANDSCAPE (profess. & kin.)
OFFICE-LAY-OUT-SERVICE MAN (ret. tr.; whole. tr.)
QUALITY-CONTROL TECHNICIAN (profess. & kin.)
STANDARDS-LABORATORY TECHNICIAN (aircraft mfg.; electronics)
TEST TECHNICIAN (agric. equip.)
019.288 ESTIMATOR AND INSPECTOR (light, heat, & power)
SPACE ANALYST (any ind.)
office-planning representative
SPECIFICATION WRITER, ENGINEERING (profess. & kin.)
Specification Writer, Electrical (profess. & kin.)
019.381 LABORATORY TECHNICIAN (auto. mfg.)

02 OCCUPATIONS IN MATHEMATICS AND PHYSICAL SCIENCES

This division includes occupations concerned with research pertaining to the physical universe, and the application of established mathematical and scientific laws and principles to specific problems and situations.

020. Occupations in Mathematics

This group includes occupations concerned with the development of methodology in mathematical statistics and actuarial science; the

application of original and standardized mathematical techniques to the solution of problems in science, engineering, management, and military strategy, and to operations analysis; and the mathematical statement of problems for solution by automatic data-processing systems.

020.081 APPLICATIONS ENGINEER (profess. & kin.)
computer engineer

020.088 ENGINEERING ANALYST (profess. & kin.) I
applied mathematician
computational engineer
computing analyst
systems analyst, engineering- scientific

MATHEMATICIAN (profess. & kin.)
Mathematician, Applied (profess. & kin.)
Mathematician, Research (profess. & kin.)

INFORMATION SCIENTIST (profess. & kin.)

OPERATIONS RESEARCH ANALYST (profess. & kin.)
management-operations analyst
operations analyst

STATISTICIAN, MATHEMATICAL (profess. & kin.)

020.168 PROGRAMER, CHIEF, BUSINESS (profess. & kin.)
coordinator, computer programing
lead programer

PROJECT DIRECTOR, BUSINESS DATA PROCESSING (profess. & kin.)
business-systems coordinator
lead analyst
program manager
project planner
senior systems analyst, business

020.188 ACTUARY (profess. & kin.)
Actuary, Casualty (profess. & kin.)
Actuary, Life (profess. & kin.)

FINANCIAL ANALYST (profess. & kin.)
investment analyst
securities analyst
securities-research analyst

MATHEMATICAL TECHNICIAN (profess. & kin.)
data-reduction technician
engineering analyst
technical analyst

PROGRAMER, BUSINESS (profess. & kin.)

PROGRAMER, ENGINEERING AND SCIENTIFIC (profess. & kin.)
programer, technical

STATISTICIAN, APPLIED (profess. & kin.)
Statistician, Analytical (profess. & kin.)
Statistician, Survey (profess. & kin.)

DEMOGRAPHER (profess. & kin.)
populations specialist
statistician, demography

STATISTICIAN, BIOLOGICAL AND AGRICULTURAL SCIENCE (profess. & kin.)
biostatistician
Statistician, Medicine (profess. & kin.)

STATISTICIAN, BUSINESS AND ECONOMICS (profess. & kin.)
Econometrist (profess. & kin.)
Statistician, Agricultural Economics (profess. & kin.)
Statistician, Business Administration (profess. & kin.)
Statistician, Financial (profess. & kin.)
Statistician, Marketing and Advertising (profess. & kin.)

STATISTICIAN, PHYSICAL SCIENCE AND ENGINEERING (profess. & kin.)
Quality-Control Analyst (profess. & kin.)
Statistician, Chemistry (profess. & kin.)
Statistician, Industrial (profess. & kin.)

STATISTICIAN, SOCIAL SCIENCE (profess. & kin.)
Statistician, Education (profess. & kin.)
Statistician, Opinion Polling (profess. & kin.)

STATISTICIAN, VITAL (profess. & kin.)
Statistician, Public Health (profess. & kin.)

020.188 Con. WEIGHT ANALYST (aircraft mfg.)
engineering-weight computer
engineer weightmaster
mathematician
weights-control engineer
weights engineer

WEIGHT ANALYST, AIRCRAFT (aircraft mfg.)

021. Occupations in Astronomy

This group includes occupations concerned with the investigation of celestial phenomena to increase basic scientific knowledge, or for practical application in such fields as navigation and missile guidance. Also includes occupations concerned with the visual and instrumental observation of astronomical phenomena and the recording and evaluation of data.

021.088 ASTRONOMER (profess. & kin.)
Astrometrist (profess. & kin.)
Astronomer, Celestial Mechanics (profess. & kin.)
Astrophysicist (profess. & kin.)
Radio Astronomer (profess. & kin.)

022. Occupations in Chemistry

This group includes occupations concerned with research in the chemical and physical properties and compositional changes of substances. Specialization generally occurs in one or more branches of chemistry, such as organic chemistry, inorganic chemistry, physical chemistry, analytical chemistry, and biochemistry.

022.081 CHEMIST, ANALYTICAL (profess. & kin.)

CHEMIST, INORGANIC (profess. & kin.)

CHEMIST, GLASS (glass mfg.)
glass technologist

CHEMIST, ORGANIC (profess. & kin.)
Chemist, Adhesives (profess. & kin.)
Chemist, Coatings (profess. & kin.)
Chemist, Detergents (profess. & kin.)
Chemist, Organic Synthesis (profess. & kin.)
Chemist, Organo-Metallics (profess. & kin.)
Chemist, Paint (paint & varn.)
Chemist, Petroleum (profess. & kin.)
Chemist, Plastics and Resins (profess. & kin.)
Chemist, Polymers (profess. & kin.)
Chemist, Rubber (profess. & kin.)
Chemist, Wood (profess. & kin.)

CHEMIST, AGRICULTURAL (profess. & kin.)

CHEMIST, DYE (profess. & kin.)
color maker
dye expert

CHEMIST, FOOD (profess. & kin.)
food analyst
Chemist, Cereal (profess. & kin.)
Chemist, Confection (confection.)
Chemist, Dairy Products (profess. & kin.)
Chemist, Fermentation (profess. & kin.)
Chemist, Preserved Foods (can. & preserv.)
Chemist, Sugar (profess. & kin.)

CHEMIST, INDUSTRIAL ALCOHOLS (profess. & kin.)

CHEMIST, LEATHER (profess. & kin.)

CHEMIST, TEXTILE (profess. & kin.)

CHEMIST, PHYSICAL (profess. & kin.)

022.168 CHEMICAL-LABORATORY CHIEF (profess. & kin.)
chief chemist

LABORATORY SUPERVISOR (profess. & kin.)

022.181 COLORIST (profess. & kin.) I
color maker
color matcher

PERFUMER (chem.)
Creative Perfumer (chem.)

022.281 ASSAYER (profess. & kin.)
Gold-and-Silver Assayer (profess. & kin.)

CHEMICAL LABORATORY TECHNICIAN (profess. & kin.)

CHEMIST, WATER PURIFICATION (waterworks)

LABORATORY TESTER (synthetic fibers)

MALT-SPECIFICATIONS-CONTROL ASSISTANT (malt liquor)

022.281 Con. PHYSICAL TESTER (plastics mat.)
laboratory assistant
polymer tester
Laboratory Millman-Cureman (plastics mat.)

022.384 CHEMIST HELPER, PETROLEUM (petrol. refin.)
laboratory-inspector helper
student assistant
tester assistant

023. Occupations in Physics

This group includes occupations concerned with the investigation of the laws of matter and energy and their application to problems in such fields as science, engineering, medicine, and production.

023.081 PHYSICIST (profess. & kin.)
PHYSICIST, ACOUSTICS (profess. & kin.)
PHYSICIST, ATOMIC AND MOLECULAR (profess. & kin.)
PHYSICIST, ELECTRICITY AND MAGNETISM (profess. & kin.)
PHYSICIST, ELECTRONICS (profess. & kin.)
PHYSICIST, HEAT (profess. & kin.)
physicist, thermodynamics

PHYSICIST, LIGHT (profess. & kin.)
physicist, optics

PHYSICIST, MECHANICS (profess. & kin.)
Ballistician (profess. & kin.)

PHYSICIST, NUCLEAR (profess. & kin.)

PHYSICIST, SOLID STATE (profess. & kin.)

023.088 PHYSICIST, THEORETICAL (profess. & kin.)

024. Occupations in Geology

This group includes occupations concerned with the investigation of the composition, structure, and physical and biological history of the earth's crust and the application of this knowledge in such fields as archeology, mining, and construction. Typical specializations are economic geology, historical geology, mineralogy, mining geology, paleontology, petroleum geology, petrology, physiography, structural geology, subsurface geology.

024.081 CRYSTALLOGRAPHER (clock & watch)

GEOLOGIST (profess. & kin.)
Geologist, Engineering (profess. & kin.)
Geologist, Ground Water (profess. & kin.)
Geologist, Mining (profess. & kin.)

GEOLOGIST, PETROLEUM (petrol. production)

GEOMORPHOLOGIST (profess. & kin.)

MINERALOGIST (profess. & kin.)

OCEANOGRAPHER, GEOLOGICAL (profess. & kin.)
geologist, marine

PALEONTOLOGIST (profess. & kin.)
Micropaleontologist (profess. & kin.)
Paleobotanist (profess. & kin.)

PETROLOGIST (profess. & kin.)

PHOTOGEOLOGIST (profess. & kin.)

STRATIGRAPHER (profess. & kin.)

GEOPHYSICIST (profess. & kin.)

GEODESIST (profess. & kin.)

GEOMAGNETICIAN (profess. & kin.)
terrestrial magnetician

GEOPHYSICAL PROSPECTOR (petrol. production)
Electrical Prospector (petrol. production)
Gravity Prospector (petrol. production)
Magnetic Prospector (petrol. production)
Seismic Prospector (petrol. production)

GLACIOLOGIST (profess. & kin.)

HYDROLOGIST (profess. & kin.)

OCEANOGRAPHER, PHYSICAL (profess. & kin.)

SEISMOLOGIST (profess. & kin.)

TECTONOPHYSICIST (profess. & kin.)

VOLCANOLOGIST (profess. & kin.)

024.181 ENGINEER, SOILS (profess. & kin.)

024.288 ELECTRONICS MECHANIC, FIELD (profess. & kin.)

PROSPECTOR (any ind.)

024.381 LABORATORY ASSISTANT (petrol. production) I
analyst. geochemical prospecting
laboratory tester

024.384 PALEONTOLOGICAL HELPER (petrol. production)
laboratory assistant

025. **Occupations in Meteorology**

This group includes occupations concerned with the investigation of atmospheric phenomena. Typical specializations are synoptic meteorology, climatology, dynamic meteorology, physical meteorology.

025.088 METEOROLOGIST (profess. & kin.)
synoptic meteorologist
weather forecaster
weather man
CLIMATOLOGIST (profess. & kin.)

025.288 HYDROGRAPHER (waterworks)
meteorological aid
RADIOSONDE OPERATOR (profess. & kin.)
WEATHER OBSERVER (profess. & kin.)
meteorological aid
WEATHER-CHART PREPARER (profess. & kin.)
meteorological plotter
weather-chart plotter

029. **Occupations in Mathematics and Physical Sciences, n.e.c.**

This group includes occupations, not elsewhere classified, concerned with mathematics and the physical sciences.

029.088 GEOGRAPHER (profess. & kin.)
PHYSICAL GEOGRAPHER (profess. & kin.)

029.168 GEOPHYSICAL-LABORATORY SUPERVISOR (petrol. production)
director, geophysical laboratory
engineer, chief, geophysical laboratory
research engineer, geophysical laboratory
superintendent, geophysical laboratory

029.188 AERIAL-PHOTOGRAPH INTERPRETER (gov. ser.)

029.280 OPTICAL-MISSILE-TRACKING TECHNICIAN (profess. & kin.)
photo-optics technician

029.281 LABORATORY TESTER (any ind.) I
chemical analyst
chemist, assistant
laboratorian
laboratory man
laboratory sampler
research-laboratory technician
research technician
tester
Cement Tester (cement)
Gas Tester (chem.; light, heat, & power; pipe lines)
Paint and Varnish Technician (paint & varn.)
Soils Tester (profess. & kin.)
Tester, Ammonia Shipping (comp. & liquefied gases)
CONTROL CHEMIST, FOUNDRY (found.)
cupola control chemist
TESTER (petrol. refin.)
crude tester
gas analyst
laboratory inspector
laboratory technician
laboratory tester
oil tester
FUEL-RESEARCH ENGINE OPERATOR (petrol. refin.)
knock-machine operator
motor tester
TESTER-ENGINE OPERATOR (petrol. refin.)
research-test-engine operator

029.381 BOTTLE-HOUSE QUALITY-CONTROL TECHNICIAN (malt liquors)
quality-control technician
CLOTH TESTER (garment; rubber goods)
fabric inspector and tester
textile technician
textile tester
LABORATORY ASSISTANT (light, heat, & power)
laboratory technician
LABORATORY ASSISTANT (textile)
laboratory tester
Greige-Goods Tester (textile)
Scoured-Wool Tester (textile)
LABORATORY TESTER (any ind.) II
quality-control tester
Acidity Tester (dairy prod.)

029.381 Con.
Butterfat Tester (dairy prod.)
Cream Tester (dairy prod.)
Dairy Tester (dairy prod.)
Milk Tester (dairy prod.)
Moisture Tester (dairy prod.)
Salt Tester (dairy prod.)
Sediment Tester (dairy prod.)
BENCHMAN (sugar)
Analyst, Cane Sugar (sugar)
Benchman, Beet Sugar (sugar)
CONTROL-LABORATORY TECHNICIAN (malt liquors)
tester
Tester, Yeast (malt liquors)

04 **OCCUPATIONS IN LIFE SCIENCES**

This division includes occupations concerned with research to increase basic knowledge of living organisms, including man, and the practical application of biological and behavioral theories.

040. **Occupations in Agricultural Sciences**

This group includes occupations concerned with the application of scientific principles to problems related to agriculture, horticulture, and forestry. Also includes development of improved methods in cultivation, processing, handling, and storing of products; land conservation practices; pest control; landscape planning; and related activities.

040.081 AGRONOMIST (profess. & kin.)
crop-research scientist
crop scientist
ANIMAL-FIBER TECHNOLOGIST (profess. & kin.)
Wool Technologist (profess. & kin.)
ANIMAL HUSBANDMAN (profess. & kin.)
animal scientist
Animal Nutritionist (profess. & kin.)
DAIRY HUSBANDMAN (profess. & kin.)
dairy scientist
Dairy-Management Specialist (profess. & kin.)
Dairy-Nutrition Specialist (profess. & kin.)
DAIRY TECHNOLOGIST (profess. & kin.)
dairy-manufacturing technologist
diary-products technologist
FOREST ECOLOGIST (profess. & kin.)
FORESTER (profess. & kin.)
Consulting Forester (profess. & kin.)
Forest Examiner (profess. & kin.)
Forest Ranger (profess. & kin.)
Forest Recreationist (profess. & kin.)
Forest Supervisor (profess. & kin.)
Research Forester (profess. & kin.)
Timber-Management Specialist (profess. & kin.)
HORTICULTURIST (profess. & kin.)
Research Horticulturist, Breeding (profess. & kin.)
Research Horticulturist, Production (profess. & kin.)
HORTICULTURAL-PRODUCTS SPECIALIST (profess. & kin.)
OLERICULTURIST (profess. & kin.)
horticulturist, vegetables
vegetable-gardening specialist
ORNAMENTAL HORTICULTURIST (profess. & kin.)
Arboriculturist (profess. & kin.)
Floriculturist (profess. & kin.)
POMOLOGIST (profess. & kin.)
horticulturist, fruit
Citriculturist (profess. & kin.)
Viticulturist (profess. & kin.)
POULTRY HUSBANDMAN (profess. & kin.)
poultry scientist
RANGE MANAGER (profess. & kin.)
range-management specialist
Range Conservationist (profess. & kin.)
SILVICULTURIST (profess. & kin.)
SOIL CONSERVATIONIST (profess. & kin.)
SOIL SCIENTIST (profess. & kin.)
AGROGEOLOGIST (profess. & kin.)
soil mapper
soil surveyor
SOIL-FERTILITY EXPERT (profess. & kin.)

040.081 Con.
WOOD TECHNOLOGIST (profess. & kin.)
forest-products technologist
wood anatomist

040.381 LABORATORY TECHNICIAN, ARTIFICIAL BREEDING (agric.)
SEED ANALYST (profess. & kin.)
farm-seed specialist

041. **Occupations in Biological Sciences**

This group includes occupations concerned with research in the reproduction, growth and development, structure, life processes, behavior, and classification of living organisms and the application of findings to the prevention of disease in the maintenance and promotion of health in plant and animal life. Also includes investigations into economic utilization or harmful aspects of specific animals and plants.

041.081 ANATOMIST (profess. & kin.)
BIOCHEMIST (profess. & kin.)
chemist, biological
Chemist, Clinical (profess. & kin.)
Chemist, Enzymes (profess. & kin.)
Chemist, Pharmaceutical (profess. & kin.)
Chemist, Proteins (profess. & kin.)
Chemist, Steroids (profess. & kin.)
BIOLOGIST (profess. & kin.)
AQUATIC BIOLOGIST (profess. & kin.)
aquatic ecologist
Limnologist (profess. & kin.)
Marine Biologist (profess. & kin.)
CYTOLOGIST (profess. & kin.)
Animal Cytologist (profess. & kin.)
Plant Cytologist (profess. & kin.)
BIOPHYSICIST (profess. & kin.)
BOTANIST (profess. & kin.)
ECONOMIC BOTANIST (profess. & kin.)
PLANT ECOLOGIST (profess. & kin.)
PLANT TAXONOMIST (profess. & kin.)
ENTOMOLOGIST (profess. & kin.)
Sericulturist (profess. & kin.)
APICULTURIST (profess. & kin.)
GENETICIST (profess. & kin.)
ANIMAL BREEDER (profess. & kin.)
PLANT BREEDER (profess. & kin.)
MICROBIOLOGIST (profess. & kin.)
bacteriologist
Virologist (profess. & kin.)
DAIRY BACTERIOLOGIST (profess. & kin.)
FISHERY BACTERIOLOGIST (profess. & kin.)
FOOD BACTERIOLOGIST (profess. & kin.)
INDUSTRIAL BACTERIOLOGIST (profess. & kin.)
MEDICAL BACTERIOLOGIST (profess. & kin.)
Immunologist (profess. & kin.)
Serologist (profess. & kin.)
PHARMACEUTICAL BACTERIOLOGIST (profess. & kin.)
SOIL BACTERIOLOGIST (profess. & kin.)
MYCOLOGIST (profess. & kin.)
MUSHROOM-SPAWN MAKER (profess. & kin.) spawn maker.
PARASITOLOGIST (profess. & kin.)
Medical Parasitologist (profess. & kin.)
HELMINTHOLOGIST (profess. & kin.)
PROTOZOOLOGIST (profess. & kin.)
PHARMACOLOGIST (profess. & kin.)
PHYSIOLOGIST (profess. & kin.)
Animal Physiologist (profess. & kin.)
MEDICAL PHYSIOLOGIST (medical ser.)
PLANT PHYSIOLOGIST (profess. & kin.)
PLANT NEMATOLOGIST (profess. & kin.)
nematologist
PLANT PATHOLOGIST (profess. & kin.)
ZOOLOGIST (profess. & kin.)
Animal Taxonomist (profess. & kin.)
Herpetologist (profess. & kin.)
Ichthyologist (profess. & kin.)
Mammalogist (profess. & kin.)
Ornithologist (profess. & kin.)
ANIMAL ECOLOGIST (profess. & kin.)
INVERTEBRATE ZOOLOGIST (profess. & kin.)

041.168 FISH CULTURIST (fish.)
fish-hatchery foreman
hatchery superintendent
pisciculturist
Food-Fish Culturist (fish.)
Game-Fish Culturist (fish.)

041.181 HISTOPATHOLOGIST (medical ser.)
histologist
041.281 PUBLIC-HEALTH BACTERIOLOGIST (gov. ser.)

045. Occupations in Psychology

This group includes occupations concerned with the collection, interpretation, and application of scientific data relating to human behavior and mental processes. Activities are in either applied fields of psychology or in basic science fields and research.

045.088 PSYCHOLOGIST, DEVELOPMENTAL (profess. & kin.)
Child Psychologist (profess. & kin.)
PSYCHOLOGIST, EDUCATIONAL (profess. & kin.)
PSYCHOLOGIST, ENGINEERING (profess. & kin.)
PSYCHOLOGIST, EXPERIMENTAL (profess. & kin.)
Psychologist, Comparative (profess. & kin.)
Psychologist, Physiological (profess. & kin.)
PSYCHOLOGIST, SOCIAL (profess. & kin.)
PSYCHOMETRIST (profess. & kin.)
045.108 COUNSELOR (profess. & kin.) II
guidance counselor
vocational adviser
vocational counselor
Counselor, College (education)
Counselor, School (education)
COUNSELOR, NURSES' ASSOCIATION (medical ser.)
DIRECTOR OF GUIDANCE (profess. & kin.)
counseling-center manager
director, counseling bureau
director, vocational guidance
head counselor
PSYCHOLOGIST, CLINICAL (profess. & kin.)
PSYCHOLOGIST, COUNSELING (profess. & kin.)
PSYCHOLOGIST, INDUSTRIAL (profess. & kin.)
Market-Research Analyst (profess. & kin.) II
Psychologist, Military Personnel (profess. & kin.)
Psychologist, Personnel (profess. & kin.)
PSYCHOLOGIST, SCHOOL (profess. & kin.)
RESIDENCE COUNSELOR (education)
counselor, dormitory
director, dormitory
men's-dormitory director
resident-hall director
supervisor, dormitory
045.118 DIRECTOR OF GUIDANCE IN PUBLIC SCHOOLS (education)
supervisor, counseling and guidance
supervisor of guidance and testing

049. Occupations in Life Sciences, n.e.c.

This group includes occupations, not elsewhere classified, concerned with the application of theoretical or practical aspects of life science.

049.384 BIOLOGICAL AID (agric.)
FEED-RESEARCH AID (grain & feed mill.)

05 OCCUPATIONS IN SOCIAL SCIENCES

This division includes occupations concerned with human society and its characteristic elements, such as origin, race, or state; and with economic and social relations and institutions involved in man's existence as a member of an organized community.

050. Occupations in Economics

This group includes occupations concerned with research and application of economic principles relating to sources of income, expenditures development of natural resources, and production and consumption of goods. Includes developing theories based on research data and formulating plans to aid in the solution of economic problems in such fields as agriculture, credit and financing, taxation, industry, international trade, and labor supply.

050.088 ECONOMIST (profess. & kin.)
economic analyst
AGRICULTURAL ECONOMIST (profess. & kin.)
FINANCIAL ECONOMIST (profess. & kin.)
INDUSTRIAL ECONOMIST (profess. & kin.)
Commodity-Industry Analyst (profess. & kin.)
INTERNATIONAL-TRADE ECONOMIST (profess. & kin.)
LABOR ECONOMIST (profess. & kin.)
050.088 Con. PRICE ECONOMIST (profess. & kin.)
TAX ECONOMIST (profess. & kin.)
MARKET RESEARCH ANALYST (profess. & kin.) I
Advertising Analyst (profess. & kin.)
050.118 MANPOWER RESEARCH AND PLANNING DIRECTOR (gov. ser.)

051. Occupations in Political Science

This group includes occupations concerned with research in the origin, development, and organization of formal and informal political entities. Includes developing theories based on research data; and making recommendations for the solution of problems in such fields as organization and administration of national and local governments, international organizations and relations, governmental policies in foreign and domestic matters, and the relations between governments and special interest groups.

051.088 POLITICAL SCIENTIST (profess. & kin.)
INTERNATIONAL-RELATIONS SPECIALIST (profess. & kin.)

052. Occupations in History

This group includes occupations concerned with recording past or current events dealing with some phase of human activity, either in terms of individuals or social, ethnic, political, or geographic groups. Includes occupations in biography and genealogy.

052.038 DIRECTOR, STATE-HISTORICAL SOCIETY (profess. & kin.)
052.088 HISTORIAN (profess. & kin.)
BIOGRAPHER (profess. & kin.)
GENEALOGIST (profess. & kin.)
HISTORIAN, DRAMATIC ARTS (profess. & kin.)
052.168 DIRECTOR, RESEARCH (motion pic.)
technical adviser
052.381 ARCHEOLOGICAL ASSISTANT (profess. & kin.)
preservationist

054. Occupations in Sociology

This group includes occupations concerned with research on the origin and evolution of society, its institutions and cultures, and the collective behavior of human beings; on the cause and prevention of crime; and on economic, political, and other differences in customs and institutions among cultures. Occupations in social work are included in group 195.

054.088 RESEARCH WORKER, SOCIAL WELFARE (profess. & kin.)
SOCIOLOGIST (profess. & kin.)
CRIMINOLOGIST (profess. & kin.)
INDUSTRIAL SOCIOLOGIST (profess. & kin.)
PENOLOGIST (profess. & kin.)
RURAL SOCIOLOGISTS (profess. & kin.)
SOCIAL ECOLOGIST (profess. & kin.)
SOCIAL PATHOLOGIST (profess. & kin.)
URBAN SOCIOLOGIST (profess. & kin.)

055. Occupations in Anthropology

This group includes occupations concerned with research to determine the origin and development of the human race by comparing physical characteristics of fossilized human remains with those of existing racial groups; and research in the cultural and social development of civilization from data previously recorded or from the study of relics and ruins encountered in excavations.

055.088 ANTHROPOLOGIST (profess. & kin.)
ANTHROPOLOGIST, PHYSICAL (profess. & kin.)
Anthropometrist (profess. & kin.)
ARCHEOLOGIST (profess. & kin.)
Archeologist, Classical (profess. & kin.)
ETHNOLOGIST (profess. & kin.)
Ethnographer (profess. & kin.)

059. Occupations in Social Sciences, n.e.c.

This group includes occupations, not elsewhere classified, concerned with the application of the theoretical or practical aspects of social sciences.

059.088 ECONOMIC GEOGRAPHER (profess. & kin.)
commercial geographer
059.088 Con. INTELLIGENCE RESEARCH SPECIALIST (profess. & kin.)
Air Intelligence Specialist (profess. & kin.)
Combat Operations Research Specialist (profess. & kin.)
INTELLIGENCE SPECIALIST (gov. ser.)
PHILOLOGIST (profess. & kin.)
ETYMOLOGIST (profess. & kin.)
POLITICAL GEOGRAPHER (profess. & kin.)
SCIENTIFIC LINGUIST (profess. & kin.)
linguistician
linguistic scientist
structural linguist

07 OCCUPATIONS IN MEDICINE AND HEALTH

This division includes occupations concerned with the health care of humans or animals in the fields of medicine, surgery, and dentistry; and in related patient-care areas, such as nursing, therapy, dietetics, prosthetics, rehabilitation, and pharmacy. Also included are occupations in sanitation, environmental and public health, and in laboratories and other health facilities. Many occupations in this category require licensing or registration to practice and/or to use a specific title.

070. Physicians and Surgeons

This group includes occupations concerned with diagnosis, prevention, and treatment of diseases and injuries; and research in the causes, transmission, and control of disease and other ailments. Includes practitioners of medicine, psychiatry, and opthalmology.

070.081 PATHOLOGIST (medical ser.)
medical pathologist
Clinical Pathologist (medical ser.)
Forensic Pathologist (medical ser.)
Neuropathologist (medical ser.)
Surgical Pathologist (medical ser.)
070.101 SURGEON (medical ser.) I
Neurosurgeon (medical ser.)
ORTHOPEDIC SURGEON (medical ser.)
070.108 ANESTHESIOLOGIST (medical ser.)
anesthetist
CARDIOLOGIST (medical ser.)
heart specialist
DERMATOLOGIST (medical ser.)
skin specialist
FLIGHT SURGEON (medical ser.)
flight physiologist
GENERAL PRACTITIONER (medical ser.)
physician, general practice
Surgeon (medical ser.) II
PHYSICIAN, OCCUPATIONAL (medical ser.)
physician, industrial
GYNECOLOGIST (medical ser.)
INTERN (medical ser.)
MEDICAL OFFICER (gov. ser.)
Health Officer, County (gov. ser.)
NEUROLOGIST (medical ser.)
nerve specialist
OBSTETRICIAN (medical ser.)
OPHTHALMOLOGIST (medical ser.)
eye specialist
oculist
OTOLARYNGOLOGIST (medical ser.)
otorhinolaryngologist
Laryngologist (medical ser.)
Otologist (medical ser.)
Rhinologist (medical ser.)
PEDIATRICIAN (medical ser.)
PHYSIATRIST (medical ser.)
physical medicine specialist
PHYSICIAN, HEAD (medical ser.)
POLICE SURGEON (gov. ser.)
surgeon, chief
PROCTOLOGIST (medical ser.)
PSYCHIATRIST (medical ser.)
RADIOLOGIST (medical ser.)
roentgenologist
UROLOGIST (medical ser.)

071. Osteopaths

This group includes occupations concerned with the application of manipulative procedures in treating patients, in addition to the other accepted methods of medical care. Includes

diagnosis, prevention, and treatment of diseases and injuries; research in the causes, transmission, and control of disease and other ailments.

071.108 OSTEOPATHIC PHYSICIAN (medical ser.)
doctor, osteopathic
osteopath
physician, d.o.
surgeon, d.o.

072. **Dentists**
This group includes occupations concerned with examination, diagnosis, prevention, and treatment of ailments or abnormalities of gums and teeth. Includes oral surgery.

072.081 ORAL PATHOLOGIST (medical ser.)
072.101 ORAL SURGEON (medical ser.)
072.108 DENTIST (medical ser.)
dental surgeon
doctor of dentistry
Exodontist (medical ser.)
PEDODONTIST (medical ser.)
ORTHODONTIST (medical ser.)
PERIODONTIST (medical ser.)
PROSTHODONTIST (medical ser.)
prosthetic dentist
PUBLIC-HEALTH DENTIST (medical ser.)

073. **Veterinarians**
This group includes occupations concerned with diagnosis, prevention, and treatment of animal disorders. Includes occupations in veterinary bacteriology, epidemiology, virology, pathology, and pharmacology.

073.081 VETERINARIAN, LABORATORY ANIMAL CARE (medical ser.)
VETERINARY ANATOMIST (profess. & kin.)
VETERINARY BACTERIOLOGIST (profess. & kin.)
VETERINARY EPIDEMIOLOGIST (profess. & kin.)
VETERINARY PARASITOLOGIST (profess. & kin.)
VETERINARY PATHOLOGIST (medical ser.)
VETERINARY PHARMACOLOGIST (profess. & kin.)
VETERINARY PHYSIOLOGIST (profess. & kin.)
VETERINARY VIROLOGIST (profess. & kin.)
073.108 VETERINARIAN (medical ser.)
doctor, veterinary medicine
POULTRY-FIELD MAN (agric.)
VETERINARIAN, PUBLIC HEALTH (gov. ser.)
VETERINARY RADIOLOGIST (medical ser.)
073.181 VETERINARY LIVESTOCK-INSPECTOR (gov. ser.)
073.281 VETERINARY VIRUS-SERUM INSPECTOR (gov. ser.)
073.381 LABORATORY TECHNICIAN, VETERINARY (medical ser.)

074. **Pharmacists**
This group includes occupations concerned with compounding prescriptions of physicians, dentists, and other practitioners; and the bulk selection, compounding, dispensing, and preservation of drugs and medicines.

074.181 PHARMACIST (profess. & kin.)
druggist
registered pharmacist
Pharmacist, Community (profess. & kin.)
Pharmacist, Hospital (profess. & kin.)
074.387 PHARMACY HELPER (medical ser.)
pharmacy clerk

075. **Registered Nurses**
This group includes occupations concerned with administering nursing care to the ill or injured. Includes nursing administration and instruction; and public health, industrial, private duty, and surgical nursing. Licensing or registration is required.

075.118 CONSULTANT, EDUCATIONAL, STATE BOARD OF NURSING (gov. ser.)
director, educational board of nurse examiners
DIRECTOR, EDUCATIONAL, PUBLIC-HEALTH NURSING (medical ser.)
DIRECTOR, NURSING SERVICE (medical ser.)
DIRECTOR, OCCUPATIONAL HEALTH NURSING (medical ser.)
director, industrial nursing
DIRECTOR, PUBLIC-HEALTH NURSING (medical ser.)
DIRECTOR, SCHOOL OF NURSING (medical ser.)
dean, school of nursing

075.118 Con. EXECUTIVE DIRECTOR, NURSES' ASSOCIATION (medical ser.)
executive secretary, nurses' association
075.128 INSTRUCTOR, PSYCHIATRIC AID (education)
NURSE, CONSULTANT (medical ser.)
NURSE, HEAD (medical ser.)
NURSE, INSTRUCTOR (medical ser.)
NURSE, SCHOOL (medical ser.)
director, student health services
Nurse, College (medical ser.)
NURSE, STAFF, PUBLIC HEALTH (medical ser.)
NURSE, SUPERVISOR (medical ser.)
NURSE, SUPERVISOR, OCCUPATIONAL HEALTH NURSING (medical ser.)
nurse supervisor, industrial nursing
NURSE, SUPERVISOR, PUBLIC-HEALTH NURSING (medical ser.)
075.378 NURSE ANESTHETIST (medical ser.)
NURSE, GENERAL DUTY (medical ser.)
nurse, staff
NURSE-MIDWIFE (medical ser.)
NURSE, OFFICE (medical ser.)
NURSE, PRIVATE DUTY (medical ser.)
nurse, special
NURSE, STAFF, OCCUPATIONAL HEALTH NURSING (medical ser.)
nurse, staff, industrial

077. **Dietitians**
This group includes occupations concerned with the application of the principles of nutrition to plan and supervise the preparation and serving of meals. Includes planning menus and diets for special nutritional requirements; participating in research; or instructing in the field of nutrition.

077.081 RESEARCH NUTRITIONIST (profess. & kin.)
dietitian, research
077.118 DIETITIAN, CHIEF (profess. & kin.)
director of dietetics
077.128 DIETARY CONSULTANT (profess. & kin.)
consultant dietitian
institutional-nutrition consultant
DIETITIAN, TEACHING (profess. & kin.)
DIETITIAN, THERAPEUTIC (profess. & kin.)
NUTRITIONIST (profess. & kin.)
Nutritionist, Public Health (gov. ser.)
077.168 DIETETIC INTERN (profess. & kin.)
DIETITIAN (profess. & kin.)
DIETITIAN, ADMINISTRATIVE (profess. & kin.)

078. **Occupations in Medical and Dental Technology**
This group includes occupations concerned with the application of technical knowledge in fields of medicine or dentistry for examination and treatment of patients or for research. Occupations occur in a doctor's or dentist's office, hospital, or laboratory.

078.128 MEDICAL TECHNOLOGIST, TEACHING SUPERVISOR (medical ser.)
078.168 MEDICAL TECHNOLOGIST, CHIEF (medical ser.)
RADIOLOGIC TECHNOLOGIST, CHIEF (medical ser.)
078.281 BIOCHEMISTRY TECHNOLOGIST (medical ser.)
medical technologist, chemistry
technologist, biochemistry
CYTOTECHNOLOGIST (medical ser.)
MEDICAL TECHNOLOGIST (medical ser.)
Blood-Bank Technologist (medical ser.)
Hematology Technologist (medical ser.)
Serology Technologist (medical ser.)
MICROBIOLOGY TECHNOLOGIST (drug. prep. & rel. prod.; medical ser.)
medical technologist, bacteriology
078.368 AUDIOMETRIST (profess. & kin.)
audiometric technician
hearing tester
hearing-test technician
DENTAL HYGIENIST (medical ser.)
oral hygienist
prophylactician
ELECTROCARDIOGRAPH TECHNICIAN (medical ser.)
e.k.g. technician
ELECTROENCEPHALOGRAPH TECHNICIAN (medical ser.)
e.e.g. technician

078.368 Con. PROSTHETIST-ORTHOTIST (surgical appl.)
Orthotist (surgical appl.)
Prosthetist (surgical appl.)
RADIOLOGIC TECHNOLOGIST (medical ser.)
X-ray technologist
078.381 MEDICAL-LABORATORY ASSISTANT (medical ser.)
medical technician
Blood-Bank Technician (medical ser.)
Cytotechnician (medical ser.)
Hematology Technician (medical ser.)
Serology Technician (medical ser.)
Tissue Technician (medical ser.)
NUCLEAR MEDICAL TECHNOLOGIST (medical ser.)
radioisotope technologist
TISSUE TECHNOLOGIST (medical ser.)
medical technologist, histology
histopathology technologist
078.687 LABORATORY ASSISTANT, PLASMA DRAWING-OFF (drug. prep. & rel. prod.; medical ser.)

079. **Occupations in Medicine and Health, n.e.c.**
This group includes occupations, not elsewhere classified, concerned with the health care of humans or animals.

079.021 HEALTH PHYSICIST (profess. & kin.)
079.108 AUDIOLOGIST (profess. & kin.)
CHIROPRACTOR (medical ser.)
chiropractic
doctor, chiropractic
DOCTOR, NATUROPATHIC (medical ser.)
naturopathic physician
HEARING CLINICIAN (profess. & kin.)
OPTOMETRIST (profess. & kin.)
PODIATRIST (medical ser.)
chiropodist
orthopedic specialist
Podiatric Surgeon (medical ser.)
Podiatrist, Orthopedic (medical ser.)
Podopediatrician (medical ser.)
SPEECH-AND-HEARING CLINICIAN (profess. & kin.)
SPEECH CLINICIAN (profess. & kin.)
speech correctionist
SPEECH PATHOLOGIST (profess. & kin.)
079.118 PUBLIC HEALTH EDUCATOR (profess. & kin.)
community health educator
teacher, public health
SANITARIAN (profess. & kin.)
079.128 MANUAL-ARTS THERAPIST (medical ser.)
MUSIC THERAPIST (medical ser.)
OCCUPATIONAL THERAPIST (medical ser.)
Director, Occupational Therapy (medical ser.)
RECREATIONAL THERAPIST (medical ser.)
SUPERVISOR, AUXILIARY PERSONNEL (medical ser.)
coordinator, auxiliary personnel
079.168 COMMUNITY-SERVICES-AND-HEALTH-EDUCATION OFFICER (gov. ser.)
SUPERVISOR, CENTRAL SUPPLY (medical ser.)
079.188 INDUSTRIAL HYGIENIST (profess. & kin.)
079.228 ORIENTATION THERAPIST FOR THE BLIND (education)
instructor of blind
orientor
therapist for blind
079.368 CHIROPRACTOR'S ASSISTANT (medical ser.)
CORRECTIVE THERAPIST (medical ser.)
INHALATION THERAPIST (medical ser.)
oxygen-therapy-equipment technician
oxygen-therapy technician
MEDICAL ASSISTANT (medical ser.)
OCCUPATIONAL THERAPY AID (medical ser.)
attendant, occupational therapy
X-RAY CLERK (medical ser.)
079.378 DENTAL ASSISTANT (medical ser.)
DOCTOR, HERB (medical ser.)
herbalist
DOCTOR, NAPRAPATHIC (medical ser.)
MENTAL HEALER (medical ser.)
NURSE, LICENSED PRACTICAL (medical ser.)
Obstetrical Technician (medical ser.)

079.378 Con. ORTHOPTIST (medical ser.)
orthoptic technician
PHYSICAL THERAPIST (medical ser.)
physiotherapist
PODIATRIST'S ASSISTANT (medical ser.)
chiropodist's assistant
SURGICAL TECHNICIAN (medical ser.)
operating room technician
surgical orderly

079.588 DIET CLERK (medical ser.)
diet aid

09 **OCCUPATIONS IN EDUCATION**

This division includes occupations in education concerned with research, administration, and teaching. Includes occupations in the administration of Federal, State, and private programs for which a background in education is required. Includes aids who assist classroom teachers by instructing sections of classes and coaching individual pupils, correcting papers, and performing clerical work. Excludes occupations concerned with clerical work exclusively. Occupations concerned with teaching art other than in primary and secondary schools are included in Group 149. Occupations concerned with teaching dramatics, dancing, music, athletics, games of mental skill, e.g., bridge and chess, and sports, other than in primary and secondary schools, are included in appropriate groups under Division 15. Occupations concerned with student and teacher personnel work and vocational guidance are included in Groups 045 and 166. Administrative occupations which do not require a background of education are included in groups under Division 16.

090. **Occupations in College and University Education**

This group includes occupations concerned with research, administration, and teaching in schools beyond the secondary school level (including junior colleges, technical institutes, and specialized post-secondary vocational schools, such as secretarial, laboratory technology, and aviation-training schools, as well as the graduate and undergraduate facilities and professional schools of colleges and universities). Teachers at this level usually specialize in one academic subject, professional discipline, or technical skill.

090.118 ACADEMIC DEAN (education)
academic vice president
dean of instruction
dean of the faculty
dean of the university
provost
vice president for instruction
ALUMNI SECRETARY (education)
director, alumni relations
DEAN OF STUDENTS (education)
dean of student affairs
director of student services
vice president for student affairs
Dean of Men (education)
Dean of Women (education)
DIRECTOR, EXTENSION WORK (education)
FINANCIAL-AIDS OFFICER (education)
director of financial aid and placements
director of student aid
Chairman of Scholarship and Loan Committee (education)
PRESIDENT, EDUCATIONAL INSTITUTION (education)
chancellor
President, Business School (education)
President, College or University (education)

090.168 DEPARTMENT HEAD, COLLEGE OR UNIVERSITY
Department Head, Junior College
DIRECTOR OF ADMISSIONS (education) I
dean of admissions
DIRECTOR OF INSTITUTIONAL RESEARCH (education)
administrative analyst
vice president for institutional research

090.168 Con. DIRECTOR OF STUDENT AFFAIRS (education)
director, student union
manager, student union
student-activities adviser
student-union consultant
Fraternity Adviser (education)
Women's-Activities Adviser (education)
DIRECTOR, SUMMER SESSIONS (education)
DISCIPLINE COUNSELOR (education)
REGISTRAR, COLLEGE OR UNIVERSITY (education)
director of admissions
SCHOLARSHIP COUNSELOR (education)

090.228 FACULTY MEMBER, COLLEGE OR UNIVERSITY (education)
Acting Professor (education)
Assistant Professor (education)
Associate Professor (education)
Clinical Instructor (education)
Faculty Member, Technical Institute (education)
Instructor (education)
Lecturer (education)
Professor (education)
Research Assistant (education)
Teacher, Junior College (education)
Teaching Assistant (education)
Visiting Professor (education)
INSTRUCTOR, EXTENSION WORK (education)
TEACHER, NORMAL SCHOOL (education)
instructor, normal school
INSTRUCTOR, MILITARY SCIENCE (education)
TEACHER, TECHNICAL EDUCATION (education)

090.999 GRADUATE ASSISTANT (education)
Assistant-In-Audio-Visual Materials (education)
Assistant Instructor (education)
Grader (education)
Laboratory Assistant (education)
Reader (education)
Research Assistant (education)
Teaching Fellow (education)

091. **Occupations in Secondary School Education**

This group includes occupations concerned with research, administration, and teaching at the secondary school level (intermediate grades between primary school and college, including vocational schools at the secondary level). Teaching at this level is generally specialized according to one group of related subjects, such as physics, science, history, social studies, home economics, industrial arts, or music.

091.118 PRINCIPAL (education)
preceptor
preceptress
Principal, Elementary School (education)
Principal, High School (education)
HEADMASTER (education)
principal, private school
SUPERINTENDENT, SCHOOLS (education)

091.168 MUSIC SUPERVISOR (education)

091.228 EDUCATIONAL THERAPIST (education)
TEACHER, SECONDARY SCHOOL (education)
teacher, high school
Instructor, Typing (education)
Teacher, Agriculture (education)
Teacher, Bible (education)
Teacher, Commercial (education)
Teacher, English (education)
Teacher, Home Economics (education)
Teacher, Language (education)
Teacher, Stenography (education)
TEACHER, INDUSTRIAL ARTS (education)
shop teacher
TEACHER, SPEECH (education)
teacher, elocution
teacher, oral interpretation
teacher, voice and diction

092. **Occupations in Primary School and Kindergarten Education**

This group includes occupations concerned with research, administration, and teaching below the secondary school level. Teaching at this level is generally not specialized according to subject matter. Some specialization does occur in music, art, science, or physical training.

092.228 TEACHER, ELEMENTARY SCHOOL (education)
teacher, primary
TEACHER, KINDERGARTEN (education)
instructor, kindergarten

094. **Occupations in Education of the Handicapped**

This group includes occupations concerned with research in the education and training of handicapped persons; the administration of schools or programs for the handicapped; and teaching in such schools and programs which require specialized techniques and procedures. Includes teaching the blind to read books imprinted in braille and to develop their sense of touch; instructing the deaf in sign language and speech reading; and instructing mentally retarded or deficient children.

094.118 DIRECTOR, COMMISSION FOR THE BLIND (gov. ser.)
DIRECTOR, SPECIAL EDUCATION (education)

094.228 TEACHER, BLIND (education)
instructor, blind
teacher, braille
Instructor, Braille (education)
TEACHER, DEAF (education)
instructor, deaf mute
teacher, oral deaf
Teacher, Lip Reading (education)
TEACHER, HANDICAPPED CHILDREN (education)
instructor, crippled students
teacher, exceptional children
TEACHER, MENTALLY RETARDED (education)
instructor, mentally deficient
teacher, ungraded room

096. **Home Economists and Farm Advisers**

This group includes occupations concerned with informing and advising homemakers, farmers, and farm youth in the arts and techniques of homemaking or farming, usually in the home or on the farm, in consultation, or in locally organized groups and meetings.

096.128 COUNTY-AGRICULTURAL AGENT (gov. ser.)
agricultural agent
county adviser
county agent
county demonstrator
extension agent
extension-service agent
extension worker
farm adviser
farm agent
farm-bureau agent
farm demonstrator
COUNTY HOME-DEMONSTRATION AGENT (gov. ser.)
home agent
home-demonstration agent
home-extension agent
EXTENSION SERVICE SPECIALIST (gov. ser.)
Agricultural Extension Specialist (education)
Home Economics Specialist (education)
FEED AND FARM MANAGEMENT ADVISER (ret. tr.)
FOUR-H CLUB AGENT (education)
HOME ECONOMIST (profess. & kin.)
HOME ECONOMIST, CONSUMER SERVICE (profess. & kin.)
Equipment Specialist (profess. & kin.)
Food Specialist (profess. & kin.)
Test Kitchen Worker (profess. & kin.)

096.168 DISTRICT EXTENSION SERVICE AGENT (gov. ser.)
district chairman
district vice-chairman
extension supervisor
subject-matter specialist
District Agricultural Agent (education)
District Home Economics Agent (education)
HOME-SERVICE DIRECTOR (profess. & kin.)
director of home economics
SPECIALIST-IN-CHARGE, EXTENSION SERVICE (gov. ser.)
WEED-CONTROL SUPERVISOR (gov. ser.)
seed and weed inspector

096.268 BUDGET CONSULTANT (profess. & kin.)
family-finance specialist

097. Occupations in Vocational Education, n.e.c.
This group includes occupations, not elsewhere classified, concerned with research, administration, and teaching in vocational education.

097.118 DIRECTOR, VOCATIONAL TRAINING (education)
097.228 APPRENTICE TEACHER, HEAD (education)
GROUND INSTRUCTOR, ADVANCED (education)
GROUND INSTRUCTOR, BASIC (education)
GROUND INSTRUCTOR, INSTRUMENT (education)
INSTRUCTOR, VOCATIONAL TRAINING (education)
teacher, vocational training
Apprentice Instructor (education)
Instructor, Basic Electricity (education)
Instructor, Carburetion (education)
Instructor, Cosmetology (education)
Instructor, Direct and Alternating Current (education)
Instructor, Engine Repair (education)
Instructor, Food Service (education)
Instructor, Heat Treating (education)
Instructor, Hydraulics (education)
Instructor, Instruments (education)
Instructor, Machine Shop (education)
Instructor, Mathematics (education)
Instructor, Office Machines (education)
Instructor, Photography (education)
Instructor, Sheet Metal (education)
Instructor, Trade School (education)
Instructor, Vocational School (education)
Instructor, Welding (education)
Trainee Instructor (education)

099. Occupations in Education, n.e.c.
This group includes occupations in education, not elsewhere classified, concerned with research, administration, and teaching.

099.108 DEAN OF BOYS (education)
assistant principal
Dean of Girls (education)
FOREIGN-STUDENT ADVISER (education)
visiting-student counselor
099.118 DIRECTOR, EDUCATIONAL PROGRAM (education)
EDUCATIONAL SUPERVISOR, PENAL INSTITUTION (education)
SUPERVISOR, EDUCATION (education)
Supervisor, Adult Education (education)
Supervisor, Agricultural Education (education)
Supervisor, Elementary Education (education)
Supervisor, Home Economics (education)
Supervisor, Industrial Arts Education (education)
Supervisor, Modern Languages (education)
Supervisor, Trade and Industrial Education (education)
099.168 AUDIOVISUAL SPECIALIST (education)
DIRECTOR, EXPERIMENTAL SCHOOLS IMPROVEMENT PROJECTS (education)
EDUCATIONAL SPECIALIST (education)
director, evaluation and research
SCHOOL EXAMINER (education)
099.208 TEACHER, VISITING (education)
099.228 ATHLETIC COACH (education)
coach
instructor, athletic
Baseball Coach (education)
Football Coach (education)
Tennis Coach (education)
GOVERNESS (dom. ser.)
Nursery Governess (dom. ser.)
INSTRUCTOR, AUTO DRIVING (education)
driving instructor
INSTRUCTOR, CHARM COURSE (education)
instructor, self-improvement
teacher, modeling
Instructor, Styling (education)
Instructor, Walking (education)

099.228 Con. INSTRUCTOR, CORRESPONDENCE SCHOOL (education)
home-school counselor
INSTRUCTOR, NAVIGATION (education)
PARK NATURALIST (gov. ser.)
TEACHER, ADULT EDUCATION (education)
Teacher, Americanization (education)
TUTOR (education)
instructor, private
teacher, private
099.368 STUDY SUPERVISOR (education)

10 OCCUPATIONS IN MUSEUM, LIBRARY, AND ARCHIVAL SCIENCES
This division includes occupations concerned with library and archival sciences, including public and private libraries and archives, and with maintaining museums, galleries, and related exhibits.

100. Librarians
This group includes occupations concerned with administering libraries and performing related library services. Includes selecting, acquiring, cataloging, classifying, circulating, and maintaining library materials; furnishing reference, bibliographical, and reader's advisory services.

100.118 LIBRARY DIRECTOR (library)
librarian, head
library administrator
library superintendent
manager, library
City-Library Director (library)
County-Library Director (library)
100.168 CHIEF LIBRARIAN, BRANCH OR DEPARTMENT (library)
principal librarian
senior librarian
supervising librarian
Chief Librarian, Art Department (library)
Chief Librarian, Bookmobile (library)
Chief Librarian, Branch (library)
Chief Librarian, Circulation Department (library)
Chief Librarian, Extension Department (library)
Chief Librarian, General Reference Department (library)
Chief Librarian, Music Department (library)
Chief Librarian, Periodical Reading Room (library)
Chief Librarian, Readers' Advisory Service (library)
Chief Librarian, Work With Blind (library)
Readers'-Advisory-Service Librarian (library)
FILM LIBRARIAN (library)
audiovisual librarian
film-and-record librarian
LIBRARIAN (library)
Circulation Librarian (library)
Readers'-Advisory-Service Librarian (library)
Reference Librarian (library)
BOOKMOBILE LIBRARIAN (library)
CHILDREN'S LIBRARIAN (library)
PATIENTS' LIBRARIAN (library)
YOUNG-ADULT LIBRARIAN (library)
LIBRARIAN, REFERENCE LIBRARY (library)
Art Librarian (library)
Business Librarian (library)
Engineering Librarian (library)
Law Librarian (library)
Map Librarian (library)
Medical Librarian (library)
LIBRARIAN, SPECIAL COLLECTIONS (library)
100.288 ACQUISITIONS LIBRARIAN (library)
BIBLIOGRAPHER (profess. & kin.)
100.388 CATALOGER (library)
catalog librarian
descriptive cataloger
CLASSIFIER (library)
MEDICAL-RECORD LIBRARIAN (medical ser.)
hospital-records librarian
Registered Record Librarian (medical ser.)

100.388 Con. MUSIC LIBRARIAN (radio & tv broad.)
librarian
MUSIC LIBRARIAN, INTERNATIONAL BROADCAST (radio & tv broad.)

101. Archivists
This group includes occupations concerned with collecting, evaluating, systemizing, preserving, and making available for reference public records and documents of historical significance.

101.168 ARCHIVIST (profess. & kin.)
Archivist, Economic History (profess. & kin.)
Archivist, Military History (profess. & kin.)
Archivist, Nonprofit Foundation (nonprofit organ.)
Archivist, Political History (profess. & kin.)

102. Museum Curators and Related Occupations
This group includes occupations concerned with administering museums, art galleries, and botanical and zoological gardens, and performing related services. Includes activities in collecting, authenticating, preserving, maintaining, exhibiting, and furnishing information on collections of historical, artistic, scientific, or technological significance or of general public interest.

102.118 CURATOR (museum)
Curator, Art Gallery (museum)
Curator, Herbarium (museum)
Curator, Horticultural Museum (museum)
Curator, Medical Museum (museum)
Curator, Natural History Museum (museum)
Curator, Zoological Museum (museum)
Director, Industrial Museum (museum)
102.381 MUSEUM TECHNICIAN (museum)
museum preparator
RESTORER, LACE AND TEXTILE (museum)

109. Occupations in Museum, Library, and Archival Sciences, n.e.c.
This group includes occupations, not elsewhere classified, concerned with museum, library, and archival science.

109.118 SUPERVISOR, HISTORIC SITES (gov. ser.)
109.138 SHELVING SUPERVISOR (library)
109.281 ARMORER TECHNICIAN (museum)
109.288 RESEARCH ASSISTANT (profess. & kin.) II
RESEARCH WORKER, ENCYCLOPEDIA (profess. & kin.)
109.368 BOOKMOBILE DRIVER (library)
REGISTRATION CLERK (library)
109.388 RECORD-PROGRAM SELECTOR (any ind.)
109.687 PAGE (library)
runner
shelver
shelving clerk
stack clerk

11 OCCUPATIONS IN LAW AND JURISPRUDENCE
This division includes occupations concerned with the application of principles relating to statute law and its administration.

110. Lawyers
This group includes occupations concerned with the practice of one or more phases of law. Includes representing individuals, organizations, or government; and the preparation of legal documents.

110.108 LAWYER (profess. & kin.)
advocate
attorney
barrister
counselor
counselor-at-law
jurist
solicitor
LAWYER, CRIMINAL (profess. & kin.)
110.118 CLAIM ATTORNEY (insurance) I
DISTRICT ATTORNEY (gov. ser.)
prosecuting attorney
prosecutor
INSURANCE ATTORNEY (insurance)
claim attorney
insurance counsel

110.118 LAWYER, ADMIRALTY (profess. & kin.)
Con. LAWYER, CORPORATION (profess. & kin.)
business and financial counsel
corporate counsel
LAWYER, PATENT (profess. & kin.)
patent attorney
solicitor, patent
LAWYER, PROBATE (profess. & kin.)
LAWYER, REAL ESTATE (profess. & kin.)
TITLE ATTORNEY (profess. & kin.)
title examiner
title man
SOLICITOR, CITY OR STATE (gov. ser.)
corporation counsel
TAX ATTORNEY (profess. & kin.)
tax agent
tax representative
110.168 BAR EXAMINER (profess. & kin.)
law examiner

111. Judges

This group includes occupations concerned with presiding as arbitrator, advisor, and administrator of justice in a court of law.

111.108 JUDGE (gov. ser.)
justice
Juvenile-Court Judge (gov. ser.)
Probate Judge (gov. ser.)
111.118 MAGISTRATE (gov. ser.)
justice of the peace
police judge
police justice
police magistrate
Night-Court Magistrate (gov. ser.)
Traffic-Court Magistrate (gov. ser.)

119. Occupations in Law and Jurisprudence, n.e.c.

This group includes occupations, not elsewhere classified, concerned with law and jurisprudence.

119.118 APPEALS REVIEWER (gov. ser.)
119.168 CLAIM MAN (petrol. production; pipe lines)
claim agent
PATENT AGENT (profess. & kin.)
TITLE SUPERVISOR (profess. & kin.)
119.288 ABSTRACTOR (profess. & kin.) I
abstract clerk
abstract maker
abstract searcher
abstract writer
title abstractor
Endorsement Technician (insurance)
Policy Technician (insurance)
CONTRACT CLERK (profess. & kin.)
contract technician
LAW CLERK (profess. & kin.)
Patent Clerk (gov. ser.)
TITLE EXAMINER (profess. & kin.) I
abstractor

12 OCCUPATIONS IN RELIGION AND THEOLOGY

This division includes occupations concerned with religious worship and observance, and with theological research and church history.

120. Clergymen

This group includes occupations concerned with serving the spiritual needs of church or cult members, usually as a minister, priest, or rabbi. Includes delivering sermons, conducting services and church rites, such as baptism, confirmation, communion, and matrimony.

120.108 CLERGYMAN (profess. & kin.)
minister
preacher
priest
rabbi
Chaplain (profess. & kin.)
Pastor (profess. & kin.)
Rector (profess. & kin.)
MISSIONARY (profess. & kin.)

129. Occupations in Religion and Theology, n.e.c.

This group includes occupations, not elsewhere classified, concerned with religion and theology.

129.108 CHRISTIAN SCIENCE PRACTITIONER (profess. & kin.)
DIRECTOR OF RELIGIOUS ACTIVITIES (education)
dean of chapel
director of religious life
129.108 DIRECTOR, RELIGIOUS EDUCATION (nonprofit
Con. organ.)
129.208 PARISH WORKER (profess. & kin.)

13 OCCUPATIONS IN WRITING

This division includes occupations concerned with reporting, editing, promoting, and interpreting ideas and facts in written form.

130. Freelance Writers

This group includes occupations concerned with writing some form of literary composition, including fiction, such as novels, short stories, and poetry; and nonfiction, such as social commentary, literary criticism, political and economic analyses, biography, and history. Includes literary, art, music, drama, and movie criticism on a freelance basis.

130.088 ESSAYIST (profess. & kin.)
LITERARY WRITER (profess. & kin.)
fiction writer
writer
Magazine Writer (profess. & kin.)
Novelist (profess. & kin.)
Short-Story Writer (profess. & kin.)
POET (profess. & kin.)
versifier
LYRIC WRITER (profess. & kin.)
lyricist
song writer

131. Writers and Editors, Motion Picture, Radio, and Television

This group includes occupations concerned with gathering, interpreting, and editing news for radio and television broadcasts; originating themes and writing scripts for programs; reading material to determine its suitability and adaptability for a particular medium; editing scripts; and preparing newsreel commentary.

131.038 EDITOR, CONTINUITY AND SCRIPT (radio & tv broad.)
manager, continuity and script
script supervisor
EDITOR, NEWS (radio & tv broad.)
manager, news and special events
EDITOR, FOREIGN NEWS, BROADCAST (radio & tv broad.)
EDITOR, SCENARIO (motion pic.)
editor, production
story editor
MANAGER, NEWS, SPECIAL EVENTS, AND PUBLIC AFFAIRS (radio & tv broad.)
131.068 NEWS ANALYST, BROADCAST (radio & tv broad.)
commentator
news commentator
WRITER, NEWS, INTERNATIONAL BROADCAST (radio & tv broad.)
131.088 CONTINUITY WRITER (motion pic.)
CONTINUITY WRITER (radio & tv broad.)
GAG WRITER (motion pic.; radio & tv broad.)
gag man
PLAYWRIGHT (profess. & kin.)
dramatist
playwriter
READER (motion pic.)
story analyst
SCENARIO WRITER (motion pic.)
SCRIPT WRITER (radio & tv broad.)
program writer
SCRIPT WRITER, INTERNATIONAL BROADCAST (radio & tv broad.)
TITLE WRITER (motion pic.)
WRITER, NEWS-OR-SCRIPT, FOREIGN LANGUAGE (radio & tv broad.)

132. Writers and Editors, Publications

This group includes occupations concerned with reporting, editing, or interpreting facts, events, or opinions as a staff member of a publication.

132.018 EDITOR, MANAGING, NEWSPAPER (print. & pub.)
managing editor
EDITOR, NEWSPAPER (print. & pub.)
editor-in-chief, newspaper
MANAGER, TECHNICAL-AND-SCIENTIFIC PUBLICATIONS (profess. & kin.)
132.038 EDITOR, CITY (print. & pub.)
city editor
132.038 EDITOR, DEPARTMENT (print. & pub.)
Con. editor, feature
Editor, Amusement Page (print. & pub.)
Editor, Art (print. & pub.)
Editor, Book Page (print. & pub.)
Editor, Club News (print. & pub.)
Editor, Drama (print. & pub.)
Editor, Fashion (print. & pub.)
Editor, Household (print. & pub.)
Editor, Junior Page (print. & pub.)
Editor, Marine (print. & pub.)
Editor, Music (print. & pub.)
Editor, Radio and Television (print. & pub.)
Editor, Real Estate (print. & pub.)
Editor, Society (print. & pub.)
Editor, Sunday (print. & pub.)
Editor, Women's Department (print. & pub.)
EDITOR, EDITORIAL PAGE (print. & pub.)
EDITOR, FINANCIAL (print. & pub.)
business-and-finance editor
EDITOR, SPORTS (print. & pub.)
sports editor
EDITOR, STATE (print. & pub.)
state editor
Editor, County (print. & pub.)
EDITOR, TRADE-OR-TECHNICAL PUBLICATION (print. & pub.)
Editor, Farm Journal (print. & pub.)
Editor, House Organ (print. & pub.)
Editor, Trade Journal (print. & pub.)
SUPERVISOR, PUBLICATIONS (profess. & kin.)
director, publications
publications officer
Supervisor, Manuals (profess. & kin.)
132.068 COLUMNIST (print. & pub.)
Fashion Columnist (print. & pub.)
Political Columnist (print. & pub.)
Publicist (print. & pub.)
Society Columnist (print. & pub.)
Sports Columnist (print. & pub.)
EDITOR, BOOK (print. & pub.)
EDITOR, CABLE, SYNDICATE (print. & pub.)
bureau chief
EDITOR, MAGAZINE (print. & pub.)
EDITOR, NEWS (print. & pub.)
editor, make-up
NEWS SPECIALIST, SYNDICATE (print. & pub.)
syndicate writer
132.088 COPY WRITER (profess. & kin.)
advertising-copy writer
ad writer
CRITIC (print. & pub.)
reviewer
Art Critic (print. & pub.)
Book Critic (print. & pub.) I
Drama Critic (print. & pub.)
Movie Critic (print. & pub.)
Music Critic (print. & pub.)
EDITORIAL WRITER (print. & pub.)
LEXICOGRAPHER (profess. & kin.)
132.268 REPORTER (print. & pub.)
leg man
news reporter
General-Assistant Reporter (print. & pub.)
CORRESPONDENT (print. & pub.; radio & tv broad.)
newspaper correspondent
Foreign Correspondent (print. & pub.)
FEATURE REPORTER (print. & pub.)
feature writer
staff writer
REWRITE MAN (print. & pub.) II
rewriter
132.288 BOOK CRITIC (print. & pub.) II
book reviewer
manuscript reader
reader
COPY READER (print. & pub.)
deskman
headline writer
rewrite man
Copy Chief (print. & pub.)
COPY READER, BOOK (print. & pub.)
proofreader

132.288 EDITING CLERK (clerical)
Con. EDITORIAL ASSISTANT (print. & pub.)
EDITOR, NEWS PHOTOGRAPH (print. & pub.)
EDITOR, PICTURE (print. & pub.)
editor, photography
editor, picture page
Editor, Picture Analyst (print. & pub.)
EDITOR, TELEGRAPH (print. & pub.)
editor, wire
READER, FIRST (print. & pub.) I
first reader
132.388 EDITOR, INDEX (print. & pub.)

137. Interpreters and Translators

This group includes occupations concerned with translating spoken or written words from one language into another.

137.268 INTERPRETER (profess. & kin.)
137.288 FOREIGN-EXCHANGE CODE CLERK (banking)
code and test clerk
letters of credit issuer
TRANSLATOR (profess. & kin.)
FOREIGN CORRESPONDENT (profess. & kin.)
FOREIGN-NEWS TRANSLATOR (radio & tv broad; tel. & tel.)
voice interceptor
TRANSLATOR, RADIO COMMUNICATIONS (tel. & tel.)
TRANSLATOR, SCIENTIFIC DOCUMENTS (profess. & kin.)

139. Occupations in Writing, n.e.c.

This group includes occupations, not elsewhere classified, concerned with writing.

139.088 COLLABORATOR (profess. & kin.)
Polisher (profess. & kin.)
Rewrite Man (profess. & kin.)
CROSS-WORD-PUZZLE MAKER (print. & pub.)
EDITOR, GREETING CARD (print. & pub.)
HUMORIST (profess. & kin.)
Comedy Writer (profess. & kin.)
Gag Writer (profess. & kin.)
LIBRETTIST (profess. & kin.)
139.288 STANDARD-PRACTICE MAN (any ind.)
process analyst
standard-procedures man
standards analyst
WRITER, TECHNICAL PUBLICATIONS (profess. & kin.)
handbook writer
service-publication writer
technical editor
technical writer
writer, publications
Technical Writer, Electronic-Service Publications (profess. & kin.)

14 OCCUPATIONS IN ART

This division includes occupations concerned with presenting original artistic conceptions in a personally interpreted manner in tangible form to achieve a distinctive effect. Includes the teaching of art, except occupations in primary, secondary, and vocational schools which are included in Groups 091, 092, and 097. Occupations in art museums are included in Group 102.

141. Commercial Artists

This group includes occupations concerned with designing and executing artwork to promote public consumption of materials, products, or services; influence others in their opinions of individuals or organizations; and illustrate subject matter. Includes preparing animated cartoons.

141.031 DIRECTOR, ART (profess. & kin.)
DIRECTOR, ART (ret. tr.)
141.051 COLOR EXPERT (profess. & kin.)
color consultant
colorist
color specialist
141.081 ADVERTISING LAY-OUT MAN (profess. & kin.)
advertising designer
comprehensive artist
visualizer
ART LAY-OUT MAN (print. & pub.)
artist
Roto Lay-Out Man (print. & pub.)
CARTOONIST, MOTION PICTURES (motion pic.)
animated-cartoon artist
animator
141.081 Cartoonist, Special Effects (motion pic.)
Con. CARTOON-BACKGROUND ARTIST (motion pic.)
COLOR ADVISER (motion pic.)
colorman
COVER DESIGNER (profess. & kin.)
Book-Jacket Designer (profess. & kin.)
Phonograph-Album Designer (profess. & kin.)
ILLUSTRATOR (profess. & kin.)
commercial artist, illustrating
graphic artist
Advertising Illustrator (profess. & kin.)
Book Illustrator (profess. & kin.)
Catalog Illustrator (profess. & kin.)
Magazine Illustrator (profess. & kin.)
Poster Artist (profess. & kin.)
BACKGROUND-AND-TITLE ARTIST (motion pic.)
title artist
FASHION ARTIST (ret. tr.)
LAY-OUT MAN (print. & pub.)
Supervisor, Publications Production (print. & pub.)
MEDICAL ILLUSTRATOR (medical ser.)
artist, scientific
Histological Illustrator (medical ser.)
MINIATURE-SET CONSTRUCTOR (motion pic.)
miniature-set builder
model-set artist
set-model builder
STIPPLE ARTIST (print. & pub.)
lithographic tuscher
tuscher
141.168 PRODUCTION MANAGER, ADVERTISING (profess. & kin.)
141.281 ARTIST (wallpaper)

142. Designers

This group includes occupations concerned with designing and/or arranging objects and materials to achieve artistic or decorative effects for apparel, interiors, and other commercial items.

142.031 MANAGER, DISPLAY (ret. tr.)
display director
superintendent, display
142.051 DISPLAY DESIGNER, OUTSIDE (profess. & kin.)
flag decorator
INTERIOR DESIGNER AND DECORATOR (profess. & kin.)
consulting decorator
interior decorator
142.061 SET DECORATOR (motion pic.)
set dresser
142.081 BANK-NOTE DESIGNER (gov. ser.)
CLOTH DESIGNER (profess. & kin.)
cloth pattern maker
pattern designer
textile-cloth designer
textile stylist
Rug Designer (carpet & rug)
Woven Label Designer (narrow fabrics)
CLOTHES DESIGNER (profess. & kin.)
fashion designer
stylist
Men's-Clothing Designer (profess. & kin.)
Women's-Clothing Designer (profess. & kin.)
COMMERCIAL DESIGNER (profess. & kin.)
DISPLAY ARTIST (profess. & kin.)
artist
poster and design artist
CREST-PATTERN MAKER AND SEWER (trim. & stamp. art goods)
DESIGNER, FISHING LURE (sports equip.)
DESIGNER, NOVELTIES (fabric. plastics prod.)
EMBROIDERY DESIGNER (embroid.; trim. & stamp. art goods)
FIXTURE DESIGNER (furn.)
estimator and designer
FLORAL DESIGNER (ret. tr.)
FURNITURE DESIGNER (furn.)
FURRIER (fur goods)
fur repairman
fur tailor
FURRIER APPRENTICE (fur goods)
142.081 HANDBAG DESIGNER (leather prod.)
Con. pocketbook designer
purse designer
sample maker
HANDBAG-FRAMES DESIGNER (profess. & kin.)
HAT DESIGNER (hat & cap; ret. tr.)
stylist
Cap Designer (hat & cap; ret. tr.)
Men's-Hat Designer (hat & cap; ret. tr.)
Millinery Designer (hat & cap; ret. tr.)
INDUSTRIAL DESIGNER (profess. & kin.)
product designer
INFORMATION SPECIALIST, VISUAL (gov. ser.)
JEWELRY AND FLATWARE DESIGNER (jewelry, silverware)
designer
flatware and jewelry designer
MUSICAL-INSTRUMENT-CASE DESIGNER (musical inst.)
ORNAMENTAL-METALWORK DESIGNER (struct. & ornam.metalwork)
art-metal designer
PACKAGE DESIGNER (profess. & kin.)
POTTERY-DECORATION DESIGNER (pottery porc.)
SAFETY-CLOTHING-AND-EQUIPMENT-DEVELOPMENT MAN (profess. & kin.)
protective-clothing-and-equipment specialist
SHOE DESIGNER (boot & shoe)
designer
SIGN DESIGNER (signs)
sketch artist
SKETCHER (motion pic.)
sketch maker
STAGE-SCENERY DESIGNER (amuse. & rec.)
scenic designer
theatrical-scenic designer
MINIATURE-SET DESIGNER (motion pic.)
STAGE-SET DESIGNER (motion pic.)
architect, production set
STAINED-GLASS-WINDOW DESIGNER (profess. & kin.)
STUFFED-TOY DESIGNER (toys & games)
TILE DESIGNER (brick & tile)
TOY DESIGNER (toys & games)
WOMEN'S-GARMENT DESIGNER (ret. tr.)
couturier
couturiere
142.281 COPYIST (garment)
EXPERIMENTAL MAN (wood. box)
FUR DESIGNER (fur goods)
fur fitter
142.381 SAMPLE MAKER (jewelry) II

143. Occupations in Photography

This group includes occupations concerned with photographing people, events, fictionalized scenes, materials, and products with still or motion-picture cameras. Includes conceiving artistic photographic effects and arranging and preparing subject matter.

143.062 CAMERAMAN (radio & tv broad.)
video-camera engineer
CAMERAMAN, FIRST (motion pic.)
cameraman, head
cinematographer
director of photography
CAMERAMAN, SECOND (motion pic.)
PHOTOGRAPHER APPRENTICE, COMMERCIAL (profess. & kin.)
still-cameraman apprentice
PHOTOGRAPHER APPRENTICE, PORTRAIT (profess. & kin.)
cameraman apprentice
PHOTOGRAPHER, COMMERCIAL (profess. & kin.)
still cameraman
PHOTOGRAPHER, NEWS (print. & pub.)
cameraman
photographer, newspaper
PHOTOGRAPHER, PORTRAIT (profess. & kin.)
camera artist
cameraman
photograph maker
MANAGER, PHOTOGRAPH GALLERY OR STUDIO (profess. & kin.)
SCREEN REPORTER (motion pic.; radio & tv broad.)

143.168 TELEVISION-FILM FIELD COORDINATOR (motion pic.; radio & tv broad.)
143.282 PHOTOGRAPHER, SCIENTIFIC (profess. & kin.)
143.382 BIOLOGICAL PHOTOGRAPHER (profess. & kin.)
Medical Photographer (medical ser.)
CAMERAMAN, ANIMATION (motion pic.)
cameraman, animated-motion picture
CAMERAMAN, SPECIAL EFFECTS (motion pic.)
CAMERAMAN, TITLE (motion pic.)
PHOTOGRAPHER, AERIAL (profess. & kin.)
PHOTOGRAPHER, FINISH (amuse. & rec.)
photo-finish photographer
PHOTOGRAPHER, IDENTIFICATION BUREAU (gov. ser.)
police photographer
143.858 CAMERA GIRL (amuse. & rec.)
PHOTOGRAPHER, STREET (per. ser.)
143.867 PHOTO-MACHINE OPERATOR, MINIATURE (per. ser.)
cameraman, miniature, automatic
photo-booth boy or girl
photographer, miniature, automatic
photomation machine operator

144. Painters and Related Occupations

This group includes occupations concerned with creating or reproducing artistic designs by hand, using such tools as brushes and pens, oils, and watercolors.

144.081 CARTOONIST (print. & pub.)
Editorial Cartoonist (print. & pub.)
Sports Cartoonist (print. & pub.)
SKETCH PORTRAITIST (profess. & kin.)
caricaturist
quick-sketch artist
CARTOON MAKER, STAINED GLASS (profess. & kin.)
cartoonist
PAINTER (profess. & kin.)
Painter, Fresco (profess. & kin.)
Painter, Landscape (profess. & kin.)
Painter, Miniature (profess. & kin.)
Painter, Mural (profess. & kin.)
Painter, Oil (profess. & kin.)
Painter, Portrait (profess. & kin.)
Painter, Statuary (profess. & kin.)
Painter, Watercolor (profess. & kin.)
SCENIC ARTIST (motion pic.)
PAINTER, GLASS (profess. & kin.)
glass stainer
painter, stained glass
144.281 PAINTINGS RESTORER (profess. & kin.)
preservator

148. Sculptors and Related Occupations

This group includes occupations concerned with creating and shaping artistic objects by modeling or carving by hand and handtools with such materials as clay, plaster of paris, and stone.

148.081 MEMORIAL DESIGNER (stonework)
MODELER (brick & tile)
SCULPTOR (profess. & kin.)
statue maker
Modeler (profess. & kin.)
Sculptor, Wood (profess. & kin.)
Sculptress (profess. & kin.)
148.281 CONCRETE SCULPTOR (conc. prod.)

149. Occupations in Art, n.e.c.

This group includes occupations, not elsewhere classified, concerned with art.

149.028 TEACHER, ART (education)
instructor, art
Instructor, Illustration (education)
Instructor, Industrial Design (education)
Teacher, Painting and Drawing (education)
Teacher, Sculpturing (education)
149.031 DIRECTOR, ART (motion pic.)
director, technical
SUPERVISOR, SCENIC ARTS (motion pic.)
chargeman
master-scenic-artist or foreman
149.051 SILHOUETTE ARTIST (profess. & kin.)
149.281 FURNITURE REPRODUCER (furn.)
MODEL MAKER (profess. & kin.)
ARCHITECTURAL MODELER (profess. & kin.)
WOOD BURNER (jewelry)
149.287 APPRAISER, ART (profess. & kin.)

15. OCCUPATIONS IN ENTERTAINMENT AND RECREATION

This division includes occupations concerned with amusing, diverting, or informing others by such means as sound and/or physical movement. Includes teaching these skills (except occupations in primary, secondary, and vocational schools which are Included in Groups 091, 092, and 097).

150. Occupations in Dramatics

This group includes occupations concerned with interpreting roles to audiences in dramatic productions or readings.

150.028 DIRECTOR, STAGE (amuse. & rec.)
DRAMATIC COACH (profess. & kin.)
professional coach
Screen Coach (profess. & kin.)
Theater Coach (profess. & kin.)
TEACHER, DRAMA (education)
instructor, dramatic arts
teacher, dramatics
teacher, theater arts
150.048 ACTOR (amuse. & rec.)
Actress (amuse. & rec.)
Character Actor (amuse. & rec.)
Character Actress (amuse. & rec.)
Ingenue (amuse. & rec.)
Juvenile (amuse. & rec.)
Leading Lady (amuse. & rec.)
Leading Man (amuse. & rec.)
DRAMATIC READER (amuse. & rec.)
monologist
STORY TELLER (profess. & kin.)
roving story teller
150.148 MOTION-PICTURE NARRATOR (motion pic.)
motion-picture commentator

151. Occupations in Dancing

This group includes occupations concerned with the interpretation of ideas through rhythmic expression.

151.028 CHOREOGRAPHER (amuse. & rec.)
director, dance
INSTRUCTOR, DANCING (education)
dancing master
professor, dancing
teacher, dancing
Ballet Master (education)
Instructor, Ballroom Dancing (education)
Instructor, Tap Dancing (education)
Teacher, Ballet (education)
151.048 DANCER (amuse. & rec.)
Acrobatic Dancer (amuse. & rec.)
Ballet Dancer (amuse. & rec.)
Ballroom Dancer (amuse. & rec.)
Chorus Dancer (amuse. & rec.)
Interpretative Dancer (amuse. & rec.)
Tap Dancer (amuse. & rec.)

152. Occupations in Music

This group includes occupations concerned with the composition, arrangement, rendition, and/or direction of instrumental or vocal music.

152.028 TEACHER, MUSIC (education)
instructor, music
professor, music
Teacher, Instrumental (education)
Teacher, Vocal (education)
152.048 CHOIRMASTER (profess. & kin.)
choir leader
choral director
chorus master
CONCERT SINGER (amuse. & rec.)
classical singer
Opera Singer (amuse. & rec.)
Recitalist (amuse. & rec.)
Vocal Soloist (amuse. & rec.)
DIRECTOR, CHORAL (amuse. & rec.)
chorus master
DIRECTOR, MUSIC (motion pic.; radio & tv broad.)
conductor, music
manager, music
musical director
DIRECTOR, MUSIC, INTERNATIONAL BROADCAST (radio & tv broad.)
MUSICAL ENTERTAINER (amuse. & rec.)

152.048 Con. MUSICIAN, INSTRUMENTAL (amuse. & rec.)
instrumentalist
Accompanist (amuse. & rec.)
Bell Ringer (amuse. & rec.)
Calliope Player (amuse. & rec.)
Drummer (amuse. & rec.)
Harpist (amuse. & rec.)
Organist (amuse. & rec.)
Pianist (amuse. & rec.)
Violinist (amuse. & rec.)
ORCHESTRA LEADER (profess. & kin.)
band leader
bandmaster
conductor
director, music
orchestra conductor
Jazz-Orchestra Leader (profess. & kin.)
Symphonic-Orchestra Leader (profess. & kin.)
POPULAR SINGER (amuse. & rec.)
character singer
Blues Singer (amuse. & rec.)
Folk Singer (amuse. & rec.)
Gospel Singer (amuse. & rec.)
152.088 ARRANGER (profess. & kin.)
adapter
transcriber
transcripter
COMPOSER (profess. & kin.)
ORCHESTRATOR (profess. & kin.)
152.168 MUSICAL PROGRAM DIRECTOR (radio & tv broad.)
music administrater
152.288 COPYIST (any ind.)
152.368 PROMPTER (amuse. & rec.)
152.588 MUSIC COPYIST (clerical)

153. Occupations in Athletics and Sports

This group includes occupations concerned with application of the theoretical or practical aspects of athletics and sports. Includes teaching physical education at speciality schools or health clubs; scouting for professional athletes; coaching nonschool athletes; and giving instructions in golf, skiing, and similar activities.

153.118 DIRECTOR, ATHLETIC (education) II
MANAGER, ATHLETE (amuse. & rec.)
Manager, Boxer (amuse. & rec.)
Manager, Wrestler (amuse. & rec.)
MANAGER, ATHLETIC TEAM (amuse. & rec.)
coach, head
Player-Manager (amuse. & rec.)
STEWARD, RACETRACK (amuse. & rec.)
Steward-at-Start (amuse. & rec.)
Steward, Presiding (amuse. & rec.)
Steward, State (amuse. & rec.)
153.168 PADDOCK JUDGE (amuse. & rec.)
RACING SECRETARY AND HANDICAPPER (amuse. & rec.)
153.228 ATHLETIC TRAINER (amuse. & rec.)
Baseball Trainer (amuse. & rec.)
Boxing Trainer (amuse. & rec.)
Football Trainer (amuse. & rec.)
BOWLING INSTRUCTOR (amuse. & rec.)
COACH, PROFESSIONAL ATHLETES (amuse. & rec.)
coach
GOLF PROFESSIONAL (amuse. & rec.; education)
golfer
golf pro
golf supervisor
HORSE TRAINER (amuse. & rec.) I
racehorse trainer
INSTRUCTOR, ICE SKATING (amuse. & rec.)
INSTRUCTOR, JUDO (education)
INSTRUCTOR, PHYSICAL (education)
INSTRUCTOR, PHYSICAL EDUCATION (education)
director, athletic
director, physical
teacher, physical education
INSTRUCTOR, RIDING (education)
riding master
teacher, riding
INSTRUCTOR, SWIMMING (education)
teacher, swimming
SKI INSTRUCTOR (amuse. & rec.)
153.248 AUTOMOBILE RACER (amuse. & rec.)
JOCKEY (amuse. & rec.)

153.248 SULKY DRIVER (amuse. & rec.)
Con. harness racer
153.268 HORSE-RACE STARTER (amuse. & rec.)
starter
PATROL JUDGE (amuse. & rec.)
Placing Judge (amuse. & rec.)
UMPIRE (amuse. & rec.)
backfield judge
field captain
judge
lady paramount
Finish Judge (amuse. & rec.)
Goal Umpire (amuse. & rec.)
Lineman (amuse. & rec.)
153.287 PLATING INSPECTOR (amuse. & rec.)
153.348 ATHLETE (amuse. & rec.)
Baseball Player (amuse. & rec.)
Basketball Player (amuse. & rec.)
Bicycle Racer (amuse. & rec.)
Billiard Player (amuse. & rec.)
Boxer (amuse. & rec.)
Football Player (amuse. & rec.)
Hockey Player (amuse. & rec.)
Jai Alai Player (amuse. & rec.)
Pool Player (amuse. & rec.)
Skater (amuse. & rec.)
Skater, Roller Derby (amuse. & rec.)
Skier (amuse. & rec.)
Sparring Partner (amuse. & rec.)
Tennis Player (amuse. & rec.)
Wrestler (amuse. & rec.)
153.368 CLOCKER (amuse. & rec.)
153.388 HORSE-RACE TIMER (amuse. & rec.)
IDENTIFIER, HORSE (amuse. & rec.)
153.488 CLERK-OF-SCALES (amuse. & rec.)
153.874 EXERCISER, HORSE (amuse. & rec.)
exercise boy
LEAD-PONY BOY (amuse. & rec.)

159. Occupations in Entertainment and Recreation, n.e.c.

This group includes occupations, not elsewhere classified, concerned with entertainment.

159.048 CLOWN (amuse. & rec.)
COMEDIAN (amuse. & rec.)
comic
HYPNOTIST (amuse. & rec.)
IMPERSONATOR (amuse. & rec.)
imitator
Animal Impersonator (amuse. & rec.)
Female Impersonator (amuse. & rec.)
Male Impersonator (amuse. & rec.)
MIMIC (amuse. & rec.)
MAGICIAN (amuse. & rec.)
PRESTIDIGITATOR (amuse. & rec.)
sleight-of-hand artist
MIME (amuse. & rec.)
pantomimist
MINSTREL (amuse. & rec.)
PUPPETEER (amuse. & rec.)
marionette man
SONG AND DANCE MAN (amuse. & rec.)
VENTRILOQUIST (amuse. & rec.)
159.118 PRODUCER (radio & tv broad.) I
Producer-Director (radio & tv broad.) I
Radio Producer (radio & tv broad.)
Television Producer (radio & tv broad.)
159.148 ANNOUNCER (amuse. & rec.)
public-address announcer
ANNOUNCER (radio & tv broad.)
Commercial Announcer (radio & tv broad.)
Local Announcer (radio & tv broad.)
Network Announcer (radio & tv broad.)
Radio Announcer (radio & tv broad.)
Television Announcer (radio & tv broad.)
ANNOUNCER, INTERNATIONAL BROADCAST (radio & tv broad.)
DISK JOCKEY (radio & tv broad.)
SPORTS ANNOUNCER (radio & tv broad.)
MASTER OF CEREMONIES (amuse. & rec.)
WRITER-ANNOUNCER, BILINGUAL, INTERNATIONAL BROADCAST (radio & tv broad.)
announcer-translator, foreign language
159.168 ANNOUNCER SUPERVISOR (radio & tv broad.)
announcer, chief
announcer, head
ARTIST AND REPERTOIRE MAN (amuse. & rec.)
DIRECTOR (motion pic.; radio & tv broad.)
Director, Motion Picture (motion pic.)
Director, Radio (radio & tv broad.)
Director, Television (radio & tv broad.)
DIRECTOR, PROGRAM (radio & tv broad.) II
director, broadcast
radio director
PRODUCTION MAN, INTERNATIONAL BROADCASTING (radio & tv broad.)
producer
production man, bilingual
159.228 COUNSELOR, CAMP (profess. & kin.)
Counselor, Dramatics (profess. & kin.)
Counselor, Swimming (profess. & kin.)
DOG TRAINER (amuse. & rec.)
HORSE TRAINER (amuse. & rec.) II
INSTRUCTOR, BATON TWIRLING (amuse. & rec.)
coach, baton twirling
INSTRUCTOR, BRIDGE (education)
MARINE-MAMMAL TRAINER (amuse. & rec.)
trainer, senior
WILD-ANIMAL TRAINER (amuse. & rec.)
Elephant Trainer (amuse. & rec.)
Lion Trainer (amuse. & rec.)
159.248 ACROBAT (amuse. & rec.)
tumbler
Contortionist (amuse. & rec.)
AERIALIST (amuse. & rec.)
trapeze artist
trapeze performer
159.268 DIRECTOR, CASTING (motion pic.; radio & tv broad.)
talent director
159.328 MARINE-MAMMAL HANDLER (amuse. & rec.)
trainer
159.348 EQUESTRIAN (amuse. & rec.)
Bareback Rider (amuse. & rec.)
JUGGLER (amuse. & rec.)
MERMAID (amuse. & rec.)
RODEO PERFORMER (amuse. & rec.)
SHOW-HORSE DRIVER (amuse. & rec.)
STUNT MAN (amuse. & rec.)
Stunt Woman (amuse. & rec.)
THRILL PERFORMER (amuse. & rec.)
Comedy Diver (amuse. & rec.)
Human Projectile (amuse. & rec.)
Parachutist (amuse. & rec.)
WIRE WALKER (amuse. & rec.)
high-wire artist
tight-rope walker
159.368 RING MASTER (amuse. & rec.)
159.848 ASTROLOGER (amuse. & rec.)
FIRE EATER (amuse. & rec.)
FORTUNE TELLER (amuse. & rec.)
clairvoyant
soothsayer
Card Reader (amuse. & rec.)
Crystal Gazer (amuse. & rec.)
Palmist (amuse. & rec.)
Seer (amuse. & rec.)
Tea-Leaf Reader (amuse. & rec.)
FREAK (amuse. & rec.)
monstrosity
GRAPHOLOGIST (amuse. & rec.)
MIND READER (amuse. & rec.)
mental telepathist
ORGAN GRINDER (amuse. & rec.)
PHYSIOGNOMIST (amuse. & rec.)
PHRENOLOGIST (amuse. & rec.)
SHOW GIRL (amuse. & rec.)
SNAKE CHARMER (amuse. & rec.)
STRIP-TEASE ARTIST (amuse. & rec.)
exotic dancer
stripper
strip teaser
Belly Dancer (amuse. & rec.)
Shake Dancer (amuse. & rec.)
WAITER-ENTERTAINER (hotel & rest.)
Dancing Waiter (hotel & rest.)
Singing Waiter (hotel & rest.)
Singing Waitress (hotel & rest.)

16 OCCUPATIONS IN ADMINISTRATIVE SPECIALIZATIONS

This division includes occupations concerned with specialized administrative and managerial functions which are common to many types of organizations. (Managerial occupations which are peculiar to one or a few related types of organizations are included in Division 18.) In general, occupations included in the group listed below demand a knowledge of a particular function rather than a knowledge of the operations of an organization included in Division 18. Includes occupations which involve the more routine nonclerical duties or a combination of clerical and administrative work. Occupations involving clerical work exclusively in these fields are not included.

160. Accountants and Auditors

This group includes occupations concerned with examining, analyzing, and interpreting accounting records for the purpose of giving advice or preparing statements and installing or advising on systems of recording costs or other financial and budgetary data.

160.168 AUDITOR, COUNTY OR CITY (gov. ser.)
City Auditor (gov. ser.)
County Auditor (gov. ser.)
CHIEF EXAMINER (gov. ser.)
160.188 ACCOUNTANT (profess. & kin.)
manager, office
Accountant, Public (profess. & kin.)
ACCOUNTANT, BUDGET (profess. & kin.)
ACCOUNTANT, COST (profess. & kin.)
ACCOUNTANT, MACHINE PROCESSING (profess. & kin.)
ACCOUNTANT, PROPERTY (profess. & kin.)
ACCOUNTANT, SYSTEMS (profess. & kin.)
ACCOUNTANT, TAX (profess. & kin.)
AUDITOR (profess. & kin.)
AUDITOR, INTERNAL (profess. & kin.)
BURSAR (education)
160.288 CREDIT ANALYST, CHIEF (banking)
senior credit analyst
DIRECTOR, UTILITY ACCOUNTS (gov. ser.)
ESTIMATOR (profess. & kin.)
cost estimator
Construction Estimator (profess. & kin.)
LISTER (woodworking)

161. Budget and Management Analysis Occupations

This group includes occupations concerned with studying the policies, organizational structures, and administrative practices of such organizations as governmental units, industrial firms, and nonprofit groups; and reviewing periodic budgets submitted by operations personnel. Includes the preparation of reports summarizing findings and recommending to line management changes in policy, organization, and administration. Includes consolidating the budget estimates of several organizational units and preparing a unitary budget itemizing such proposed expenditures as salaries and wages, overhead, and production costs, for consideration and action by upper echelons of management.

161.118 BUDGET OFFICER (gov. ser.)
DIRECTOR, JOINT FINANCING (nonprofit organ.)
TREASURER (any ind.)
treasury representative
UNION TIME-STUDY MAN (clerical)
time study representative
161.188 VALUATION ENGINEER (profess. & kin.)
appraisal engineer
cost engineer
evaluation engineer
property engineer
RATE ENGINEER (profess. & kin.)
161.268 CLERICAL TECHNICIAN (profess. & kin.)
methods man
ORGANIZATION AND METHODS EXAMINER (gov. ser.)
FILE SERVICE WORKER (bus. ser.)

162. Purchasing Management Occupations

This group includes occupations concerned with negotiating and contracting for the purchase of equipment, products, and supplies for indus-

trial plants, utilities, governmental units, or similar establishments, and the purchasing of merchandise for resale; determining quality to be purchased, costs, delivery dates, contract conditions, sources of supply, and taking inventories.

162.118 ADMINISTRATOR, CONTRACT AND ORDER (any ind.)
contract administrator
RESEARCH-CONTRACTS SUPERVISOR (gov. ser.)
CONTRACT SPECIALIST (gov. ser.)

162.158 BROKER (ret. tr.; whole. tr.)
buyer
dealer
BUYER, AGRICULTURAL PRODUCE (whole. tr.)
produce buyer
Buyer, Potatoes (whole. tr.)
BUYER, CASH-TRUCK (whole. tr.)
BUYER, LOG (whole. tr.)
log buyer
BUYER, SALVAGE (ret. tr.; whole. tr.)
metal buyer
NEEDLEWORK COMMISSION AGENT (whole. tr.)
SECOND-HAND FURNITURE DEALER (ret. tr.; whole. tr.)
BROKER-AND-MARKET OPERATOR, GRAIN (finan. inst.; whole. tr.)
grain trader
Buyer, Grain (whole. tr.)
BROKER'S FLOOR REPRESENTATIVE (finan. inst.)
floor broker
floor representative
floor trader
SPECIALIST (finan. inst.)
BUYER (ret. tr.; whole. tr.) II
Floor-Covering Buyer (ret. tr.; whole. tr.)
Foreign Buyer (ret. tr.; whole. tr.)
Meat Buyer (ret. tr.; whole. tr.)
Toy Buyer (ret. tr.; whole. tr.)
BARREL APPRAISER (cooperage)
BUYER, CHAIN STORE (ret. tr.; whole. tr.)
BUYER ASSISTANT (ret. tr.)
BUYER, FURS (whole. tr.)
BUYER, LIVESTOCK (ret. tr.; slaught. & meat pack.; whole. tr.)
Buyer, Cattle (ret. tr.; slaught. & meat pack.; whole. tr.)
Buyer, Hog (ret. tr.; slaught. & meat pack.; whole. tr.)
Buyer, Sheep (ret. tr.; slaught. & meat pack.; whole. tr.)
BUYER, TIME AND SPACE (bus. ser.)
Buyer, Space (bus. ser.)
Buyer, Time (bus. ser.)
BUYER, WOOL (whole. tr.)
wool buyer
COMMISSION MAN, LIVESTOCK (whole. tr.)
commission agent, livestock
livestock broker
Commission Man, Cattle (whole. tr.)
Commission Man, Hogs (whole. tr.)
Commission Man, Sheep (whole. tr.)
FIELD CONTACT MAN (dairy prod.)
field man
field technician
FIELD MAN (forestry)
PURCHASING AGENT (any ind.)
buyer
director, purchasing
manager, purchasing
manager, supply
purchaser
BUYER, FISH (can. & preserv.)
BUYER, MAPLE SYRUP (food prep., n.e.c.)
FIELDMAN, CHRISTMAS TREES (whole. tr.)
LOG BUYER (sawmill)
log inspector
PIECE-GOODS BUYER (garment)
buyer
remnant buyer

162.158 Con.
PURCHASING STEWARD (hotel & rest.)
commissary-and-purchasing agent
food buyer
manager, storeroom
purveyor
storeroom man, head
SUPPLY REQUIREMENTS OFFICER (gov. ser.)
Logistics Officer (gov. ser.)
PURCHASING ENGINEER (aircraft mfg.)
equipment engineer
procurement engineer
SECURITIES TRADER (finan. inst.)

162.168 BUYER, GRAIN (grain & feed mill.; whole. tr.)
grain buyer
grain-elevator agent
grain-elevator man
manager, grain elevator
BUYER, TOBACCO (whole. tr.)
tobacco buyer
BUYER, TOBACCO, HEAD (whole. tr.)
buyer, head
circuit rider
circuit walker
CLEAN-RICE MAN (grain & feed mill.)
SUPERVISOR, PROCUREMENT SERVICES (any ind.)
supervisor, material control

162.188 PURCHASE-PRICE ANALYST (profess. & kin.)

162.288 TITLE CLERK (petrol. production; petrol. refin.; pipe lines)

163. Sales and Distribution Management Occupations

This group includes occupations concerned with managing sales and marketing for a manufacturer, retail or wholesale house, jobber, or other establishment. Includes market research and analysis; establishing and managing a sales organization; and evaluating sales statistics and reports.

163.118 MANAGER, CONTRACTS (petrol. production; petrol. refin.; pipe lines)
supply representative, petroleum products
Manager, Natural-Gas Utilization (petrol. production)
Supply Representative, Dry Gas (petrol. production; petrol. refin.; pipe lines)
MANAGER, EXPORT (any ind.)
MANAGER, PROMOTION (hotel & rest.)
director, sales
manager business promotion
manager, sales
MANAGER, SALES (any ind.)
MANAGER, CIRCULATION (print. & pub.)
Manager, City Circulation (print. & pub.)
Manager, Newspaper Circulation (print. & pub.)
Manager, Street Sales (print. & pub.)

163.158 SPARE-PARTS FIELD REPRESENTATIVE (whole. tr.)

163.168 HOME-LIGHTING-DEMONSTRATOR SUPERVISOR (light, heat, & power)
supervisor, home service division
MANAGER, ADVERTISING (print. & pub.)
Manager, Classified Advertising (print. & pub.)
Manager, Display Advertising (print. & pub.)
Manager, Local Advertising (print. & pub.)
Manager, National Advertising (print. & pub.)
MANAGER, UTILITY SALES AND SERVICE (light, heat, & power)
general superintendent, power sales and service
Manager, Commercial Sales (light, heat, & power)
Manager, Industrial Sales (light, heat, & power)
Manager, Residential Sales (light, heat, & power)

164. Advertising Management Occupations

This group includes occupations concerned with influencing public consumption or opinion, either as an employee of the organization served or as a member of an agency under contract; managing advertising programs and campaigns; and, in advertising agencies, managing customers' accounts. Occupations concerned with planning and executing artwork are included in Group 141. Occupations concerned with writing copy are included in Group 139.

164.068 ADVERTISING ASSISTANT (profess. & kin.)
advertising man
DIRECT-MAIL SPECIALIST (any ind.)
manager, direct mail advertising
EXPLOITATION MAN (amuse. & rec.)

164.118 DIRECTOR, ADVERTISING (print. & pub.)
MANAGER, ADVERTISING (any ind.)
sales promotion director
superintendent, advertising
MANAGER, ADVERTISING AGENCY (bus. ser.)

164.168 ACCOUNT EXECUTIVE (profess. & kin.)
account representative
DIRECTOR, MERCHANDISING DISPLAYS AND SPECIALITIES DEPARTMENT (paper goods)

165. Public Relations Management Occupations

This group includes occupations concerned with promoting or creating goodwill for individuals, groups, or organizations by writing or selecting favorable publicity material and releasing it through various communications media, preparing and arranging for displays, making speeches, and performing related publicity efforts.

165.068 PUBLIC-RELATIONS MAN (profess. & kin.) I
director, publicity
director, public relations
manager, promotion
manager, publicity
press agent
promotion man
public-information writer
publicity agent
publicity man
publicity supervisor
publicity writer
public-relations counsel
Public-Relations Woman (profess.& kin.)
PUBLIC-RELATIONS MAN (profess. & kin.) II
director, publicity
director, public relations
manager, promotion
manager, publicity
press agent
promotion man
public events man
publicity agent
publicity man
publicity supervisor
publicity writer
public-relations counsel
DEALER-CONTACT MAN (profess. & kin.)
sales-promotion man
PUBLIC PROGRAM SUPERVISOR (tel. & tel.)
SALES-SERVICE MAN (profess. & kin.)

165.118 LOBBYIST (profess. & kin.)

165.168 DIRECTOR, TOURIST (gov. ser.)

166. Personnel and Training Administration Occupations

This group includes occupations concerned with formulating policies relating to the personnel administration of an organization and conducting programs of recruitment, selection, training, promotion, welfare, safety, compensation, recreation, and separation of employees. Occupations in personnel research and in administration of testing and counseling programs, for which a background in psychology is required, are included in Group 045.

166.088 JOB ANALYST (profess. & kin.)
occupational analyst
Physical-Demands Analyst (profess. & kin.)
POSITION CLASSIFIER (gov. ser.)
personnel technician
position analyst
wage-classification and position specialist

166.118 DIRECTOR, EDUCATIONAL (education)
director, training
educational supervisor
staff-training officer
training coordinator
training specialist
DIRECTOR, SAFETY (education)
safety supervisor
DIRECTOR, INDUSTRIAL RELATIONS (profess. & kin.)
industrial relations adviser
manager, industrial relations
personnel relations administrator
MANAGER, PERSONNEL (profess. & kin.)
director, personnel
manager, employee relations
personnel supervisor

166.168 BENEFITS-AND-SERVICE-RECORDS SUPERVISOR (any ind.)
director, compensation and insurance services
employee-service supervisor
insurance-and-pension administrator
manager, personnel services
service-records-and-benefits supervisor
Retirement Interviewer (any ind.)
DIRECTOR, CAST (motion pic.)
DIRECTOR, INDUSTRIES AND MAINTENANCE (gov. ser.)
DIRECTOR OF PLACEMENT (education)
coordinator of placement
manager of student placement service
MANAGER, EMPLOYMENT (profess. & kin.)
director, employment
employee-utilization officer
employment supervisor
superintendent, employment
PORT PURSER (water trans.)
SPECIAL AGENT (insurance)
division agency manager
Brokerage Manager (insurance)

166.228 AIRPLANE STEWARDESS, CHIEF (air trans.)
airline stewardess, chief
chief stewardess
Flight Steward, Chief (air trans.)
SUPERVISOR, TRAINING (education)
manager, labor training
training supervisor
DIRECTOR, SALES EDUCATION (education)
instructor, customer contact
TRAINING REPRESENTATIVE (education)
training instructor
training technician

166.268 EMPLOYEE-OPERATIONS EXAMINER (r.r. trans.)
rules examiner
systems-rules examiner
EMPLOYMENT INTERVIEWER (profess. & kin.) I
employment representative
job interviewer
personnel interviewer
EMPLOYMENT INTERVIEWER (profess. & kin.) II
interviewer
PERSONNEL RECRUITER (profess. & kin.)
recruiting representative
PRISONER-CLASSIFICATION INTERVIEWER (profess. & kin.)
FIELD REPRESENTATIVE (gov. ser.)
LOAN COUNSELOR (education)
director, student loans and scholarships
loan officer
PLACEMENT OFFICER (education)
manager, student employment
placement counselor
placement interviewer
student-employment officer

168. Inspectors and Investigators, Managerial and Public Service

This group includes occupations concerned with examining people, animals, plantlife, products, and establishments, in the capacity of city, county, Federal, or private inspector or investigator, for enforcement of health, safety, and other regulatory laws.

168.168 BUILDING INSPECTOR (gov. ser.)
ELECTRICAL INSPECTOR (gov. ser.)
PLUMBING INSPECTOR (gov. ser.)
CORONER (gov. ser.)
medical examiner
police coroner
CUSTOMS INSPECTOR (gov. ser.)
Baggage Inspector (gov. ser.)
Boarding Inspector (gov. ser.)
Discharging Inspector (gov. ser.)
Gager (gov. ser.)
Weigher (gov. ser.)
CUSTOMS INSPECTRESS (gov. ser.)
HEALTH OFFICER, FIELD (gov. ser.)
epidemiological investigator
investigator, medical
v.d. investigator
IMMIGRATION INSPECTOR (gov. ser.)
Immigration Patrol Inspector (gov. ser.)
INSPECTOR, NURSING HOMES AND HOSPITALS (gov. ser.)
hospital inspector
INVESTIGATOR (gov. ser.)
compliance investigator
Investigator, Claims (gov. ser.)
Investigator, Internal Revenue (gov. ser.)
Investigator, Sales Tax (gov. ser.)
Investigator, Welfare (gov. ser.)
MOTOR TRANSPORTATION INSPECTOR (gov. ser.)
field agent
inspector, public transport
SAFETY INSPECTOR (gov. ser.)
LAND USE TECHNICIAN (gov. ser.)
MANAGER, CREDIT AND COLLECTION (any ind.)
accounts superviser
credit man
manager, credit investigations
MANAGER, CUSTOMER SERVICE (tel. & tel.)
POSTAL INSPECTOR (gov. ser.)
QUALITY-CONTROL CLERK (drug. prep. & rel. prod.)
REGULATORY ADMINISTRATOR (tel. & tel.)
regulatory coordinator
REVIEWING OFFICER, DRIVER'S LICENSE (gov. ser.)
Hearing Inspector (gov. ser.)
SAFTEY MAN (insurance)
insurance-safety man
safety engineer
Fire-Safety Man (insurance)
Traffic-Safety Man (insurance)
TRANSPORTATION INSPECTOR (motor trans.; r.r. trans.) I
service inspector
undercover agent
WATER-REVENUE INSPECTOR (waterworks)

168.187 FURNITURE-AND-BEDDING INSPECTOR (gov. ser.)

168.268 DINING-SERVICE INSPECTOR (r. r. trans.)
service inspector
EDUCATIONAL BENEFITS REPRESENTATIVE (gov. ser.)
educational adviser
IDENTIFICATION OFFICER (gov. ser.)
INSURANCE EXAMINER (gov. ser.)
examiner
INTERVIEWER, HOUSING PROJECT (gov. ser.)
LICENSE INSPECTOR (gov. ser.)
Rooming-House Inspector (gov. ser.)
Tavern Inspector (gov. ser.)
OPERATIONS INSPECTOR (gov. ser.)
aviation-safety officer
maintenance inspector
SAFETY-AND-SANITARY INSPECTOR (any ind.)
safety inspector
sanitary-and-safety inspector
TRAVEL-ACCOMMODATION APPRAISER (profess. & kin.)
touring reporter
travel-guide representative

168.284 SAFETY INSPECTOR (any ind.) I
safety director
VETERINARY MEAT-INSPECTOR (gov. ser.)
Veterinary Milk-Specialist (gov. ser.)
Veterinary-Poultry Inspector (gov. ser.)

168.287 AGRICULTURAL-COMMODITY GRADER (gov. ser.)
horticultural inspector
Apple-Maggot-Control Inspector (gov. ser.)
Fruit-and-Vegetable Inspector, Fresh (gov. ser.)
Grain Inspector (gov. ser.)
Nursery Inspector (gov. ser.)
Potato Inspector (gov. ser.)
Shipping-Point Inspector (gov. ser.)
Sweet-Potato Inspector (gov. ser.)
Tobacco Inspector (gov. ser.)
PLANT-QUARANTINE INSPECTOR (gov. ser.)
inspector, agricultural products in transit
APIARY INSPECTOR (gov. ser.)
bee inspector
BOILER INSPECTOR (profess. & kin.)
BUILDING INSPECTOR (insurance)
CHECK VIEWER (mining & quarrying)
examiner
mine inspector
safety inspector
Coal-Mine Inspector (mining & quarrying)
Gas Inspector (mining & quarrying)
Metal-Mine Inspector (mining & quarrying)
MINE INSPECTOR, STATE (gov. ser.)
CUSTOMS EXAMINER (gov. ser.)
line examiner
merchandise examiner
Customs Appraiser (gov. ser.)
CUSTOMS SAMPLER (gov. ser.)
CUSTOMS VERIFIER (gov. ser.)
opener
verifier
FIELD REPRESENTATIVE (ret. tr.; whole. tr.)
FOOD AND DRUG INSPECTOR (gov. ser.)
drug and food inspector
Inspector, Cosmetics (gov. ser.)
Inspector, Dairy Products (gov. ser.)
Inspector, Drugs (gov. ser.)
Inspector, Eggs (gov. ser.)
Inspector, Fish (gov. ser.)
Inspector, Fruit and Vegetable (gov. ser.)
Inspector, Meat (gov. ser.)
Inspector, Peanuts (gov. ser.)
Inspector, Processed Foods (gov. ser.)
GASOLINE INSPECTOR (gov. ser.)
INDUSTRIAL-PROPERTY OFFICER (gov. ser.)
INDUSTRIAL-WASTE INSPECTOR (gov. ser.)
INSPECTOR, WATER WELLS (gov. ser.)
INSPECTOR, WEIGHTS AND MEASURES (gov. ser.)
sealer
INTERIOR-WIRING INSPECTOR (const.; light, heat, & power)
MORTICIAN INVESTIGATOR (gov. ser.)
POULTRY GRADER (gov. ser.)
agricultural commodity grader, poultry
POULTRY INSPECTOR, LAY (gov. ser.)
QUALITY-ASSURANCE REPRESENTATIVE (gov. ser.)
inspector
procurement inspector
SANITARY INSPECTOR (gov. ser.)
sanitarian aid

168.288 CENSOR (gov. ser.)
CLAIM EXAMINER (insurance) I
claims analyst
claims reviewer
loss examiner
PATENT EXAMINER (gov. ser.)

168.368 ATTENDANCE OFFICER (education)
truant officer
TITLE CLERK (gov. ser.)

168.387 HOUSEHOLD-PRODUCTS TECHNICIAN (any ind.)

168.388 LIABILITY EVALUATOR (gov. ser.)

168.487 INSPECTOR, MICA (gov. ser.)

168.688 LOADING INSPECTOR (r.r. trans.)
industrial clerk
PERISHABLE-FREIGHT INSPECTOR (r.r. trans.)

169. Occupations in Administrative Specializations, n.e.c.

This group includes occupations, not elsewhere classified, concerned with administrative specializations.

169.118 ADMINISTRATIVE OFFICER, STATE BOARD OF NURSING (gov. ser.)
executive secretary, board of nurse examiners
executive secretary, State board of nursing
CONCILIATOR (profess. & kin.)
arbitrator
DEFENSE COORDINATOR (profess. & kin.)
civil defense coordinator
LABOR-RELATIONS SPECIALIST (profess. & kin.)
labor-relations representative
Industrial-Relations Counselor (gov. ser.)
Labor-Relations Consultant (profess. & kin.)
SALARY AND WAGE ADMINISTRATOR (profess. & kin.)
wage and salary supervisor
STEWARD, PORT (water trans.)
superintendent, commissary

169.168 ADJUDICATOR (gov. ser.)
ADMINSTRATIVE ASSISTANT (any ind.)
administrative analyst
administrative officer
ADMINISTRATIVE SECRETARY (any ind.)
executive secretary
APPEALS REFEREE, UNEMPLOYMENT INSURANCE (gov. ser.)
CHIEF CLERK (any. ind.)
manager, general office
manager, general service
office superviser
ORDER DEPARTMENT SUPERVISOR (any ind.)
CIVIL DEFENSE TRAINING OFFICER (gov. ser.)
training officer, civil defense
Civil Defense Operations Officer (gov. ser.)
Civil Defense Radiological Officer (gov. ser.)
Shelter Management Officer (gov. ser.)
ESTATE PLANNER (insurance)
EXAMINER, TARIFF AND SCHEDULES (gov. ser.)
FIRE ASSISTANT (gov. ser.)
fire-control assistant
fire deputy
INTERVIEWER AND CLAIMS ADJUSTER (gov. ser.)
claims representative
LABORATORY ASSISTANT, LIAISON INSPECTION (iron & steel)
MANAGER, COPYRIGHT (radio & tv broad.)
MANAGER, ELECTRONIC DATA PROCESSING (profess. & kin.)
director, data processing
MANAGER, OFFICE (any ind.)
PARK RANGER (gov. ser.)
ranger
PROPERTY-DISPOSAL OFFICER (gov. ser.)
redistribution-and-marketing officer
surplus-property disposal agent
RATING SPECIALIST, OCCUPATIONAL (gov. ser.)
disability claims examiner
rating officer, occupational
REGISTRAR, VITAL STATISTICS (gov. ser.)
SPECIAL AGENT, GROUP INSURANCE (insurance)
VOCATIONAL DISABILITY EXAMINER (gov. ser.)
disability examiner

169.188 COST ENGINEER, RETIREMENTS (light, heat, & power)
UNDERWRITER (insurance)
final-selection-of-risk clerk
home-office underwriter
investigator
lay underwriter
Accident-and-Sickness Underwriter (insurance)
Automobile Underwriter (insurance)
Bond Underwriter (insurance)
Fire Underwriter (insurance)

169.188 Liability Underwriter (insurance)
Con. Life Underwriter (insurance) II
Marine Underwriter (insurance)
Medical-Statement Approver (insurance)
Reinstatement Underwriter (insurance)
Special-Risks Underwriter (insurance)

169.228 SYSTEMS ENGINEER (any ind.)
customer-service engineer

169.268 BONDSMAN (bus. ser.)
CLAIMS TAKER, UNEMPLOYMENT BENEFITS (gov. ser.)
benefits interviewer
contact representative
unemployment - insurance - claims taker
Interviewer, Initial Claims (gov. ser.)
Line Interviewer (gov. ser.)
Reciprocity Interviewer, Interstate Claims (gov. ser.)
HOSPITAL-INSURANCE REPRESENTATIVE (insurance)
LOAN COUNSELOR (banking))
loan-servicing officer
SECRETARY, BOARD-OF-EDUCATION (education)
SUPERVISOR, SPECIAL SERVICES (education)
veterans' coordinator

169.284 ADMEASURER (gov. ser.)

169.388 ESCROW OFFICER (profess. & kin.)

18 MANAGERS AND OFFICIALS, N.E.C.

This division includes managerial occupations which require a knowledge of the management and operations of an organization, rather than a scientific, technical, or administrative specialty. Generally speaking, these are "line management" occupations in contrast to the "staff" and "specialist" occupations included in Division 16. Also includes such occupations as officers and executives of government, corporations, and nonprofit organizations; general managers; general foremen; and department heads and their assistants in industrial establishments. Many general administrators and managers are former scientific, professional, and administrative specialists. Care must be taken to classify occupations according to duties and requirements rather than an incumbent's education or experience. Occupations in the administration of a scientific, technical, or professional activity must be carefully scrutinized to determine whether they are concerned primarily with technical supervision or with general management or specialized administrative work.

180. Agriculture, Forestry, and Fishing Industry Managers and Officials

This group includes managerial occupations concerned with crop production and care of livestock for commercial use; care of timber tracts and reforestation; and commercial fishing, fish farms, and related services. Occupations concerned with logging camps or logging contracts are included in Group 183.

180.118 FIELD MAN (any ind.)
Buyer, Citrus Fruit (can. & preserv.)
Field Man, Sugar Beet (sugar)

180.168 AIRPLANE PILOT-CONSERVATION OFFICER (gov. ser.)
ARTIFICIAL-BREEDING DISTRIBUTOR (agric.)
FIELD SUPERVISOR, SEED PRODUCTION (agric.)
GENERAL MANAGER, FARM (agric.; whole. tr.)
GROUP LEADER (agric.)
crew boss
crew leader
row boss
MANAGER, PRODUCTION, SEED CORN (agric.)
manager, regional
MIGRANT LEADER (agric.)
crew leader
farm-crew leader
migratory-crew foreman
SUPERINTENDENT (agric.; can. & preserv.)
SUPERINTENDENT, PRODUCTION (agric.)
grove superintendent
manager, production
production boss
production foreman

181. Mining Industry Managers and Officials

This group includes managerial occupations concerned with exploration and development of mineral properties; extracting minerals, such as coal and ores, liquid petroleum, and gases; quarrying, well operation, and mining.

181.118 MANAGER, BULK PLANT (petrol. refin.; ret. tr.)
field operating superintendent
MINE SUPERINTENDENT (mining & quarrying)
superintendent, colliery
superintendent, quarry

181.168 MANAGER, FIELD PARTY, GEOPHYSICAL PROSPECTING (petrol. production)
field-party manager
MINE FOREMAN (mining & quarrying)
general foreman
SUPERINTENDENT, DRILLING AND PRODUCTION (petrol. production)
district superintendent
division superintendent
Superintendent, Oil Field Drilling (petrol. production)
Superintendent, Production (petrol. production)
Superintendent, Shallow Exploratory Drilling (petrol. production)

182. Construction Industry Managers and Officials

This group includes managerial occupations concerned with construction of dwellings, office buildings, stores, farm buildings, bridges, roads, and similar structures; plumbing, painting, electrical work, and carpentry.

182.168 CONTRACTOR (const.)
ROADMASTER (r.r. trans.)
division roadmaster
trackmaster
SUPERINTENDENT, CONCRETE-MIXING PLANT (const.)
SUPERINTENDENT, CONSTRUCTION (const.)
superintendent, job
Mason Superintendent (const.)
Superintendent, Pipe-Line Construction (const.)
SUPERINTENDENT, MAINTENANCE OF WAY (r.r. trans.)
Division Engineer (r.r. trans.)
SUPERVISOR, BRIDGES AND BUILDINGS (r.r. trans.)

182.287 CONSTRUCTION INSPECTOR (const.)
BUILDING-CONSTRUCTION INSPECTOR (const.)
DITCH INSPECTOR (const.)
HIGHWAY INSPECTOR (const.)
inspector
road inspector
Manufacturing-Process-and-Product Inspector (const.)
MASONRY INSPECTOR (const.)
REINFORCED-CONCRETE INSPECTOR (const.)
RIVET INSPECTOR (const.)
moocher
ROD INSPECTOR (const.)
reinforcing-steel inspector
STRUCTRUAL-STEEL INSPECTOR (const.)
TUNNEL-HEADING INSPECTOR (const.)
tunnel inspector

183. Manufacturing Industry Managers and Officials

This group includes managerial occupations concerned with plants, factories, or mills which use power-driven machines and materials-handling equipment to bring about mechanical or chemical transformation of organic or inorganic substances into products. Includes establishments engaged in assembling component parts of manufactured products where the product is not a structure.

183.118 MANAGER, BRANCH (any ind.)
agent
manager, area
manager, division
manager, plant
Manager, District (any ind.)
Manager, Local (any ind.)
Manager, Regional (any ind.)
PRODUCTION SUPERINTENDENT (any ind.)
manager, factory
manager, general
manager, plant

183.118 Con.
manager, production
plant foreman
superintendent, factory
superintendent, general
superintendent, mill
superintendent, plant
superintendent, production
superintendent, shop
Bindery Superintendent (print. & pub.)
Manager, Drilling-and-Production (petrol. production)
Refinery Chief (petrol. refin.)
Small-Arms-Division Foreman (firearms)
Superintendent, Alumina Plant (ore dress., smelt., & refin.)
Superintendent, Gas and Natural Gasoline (petrol. production)
Superintendent, Logging (logging)

183.168 BREWMASTER (malt liquors)
brewing director
director
Brewmaster, Fermenting (malt liquors)
Brewmaster, Lagering (malt liquors)
Brewmaster, Malting (malt liquors)
CAR BUILDER, MASTER (loco. & car bldg. & rep.)
general-car foreman
superintendent of car construction
GENERAL FOREMAN (any ind.)
department foreman
division foreman
manager, production department
process supervisor
production foreman
production supervisor
superintendent, division
Foreman, Inspection and Testing (clock & watch)
General Foreman, Blast Furnace (iron & steel)
General Yardmaster (r.r. trans.)
Manager, Graphic Arts (paper goods)
Superintendent, Alloy Department (nonfer. metal alloys)
GENERAL FOREMAN (malt liquors)
general foreman, brew house
general foreman, cellars
staff foreman
GENERAL SUPERINTENDENT, MILLING (grain & feed mill.)
milling superintendent
LOGGING CONTRACTOR (logging)
jobber
MANAGER, FOOD PROCESSING PLANT (can. & preserv.)
SERVICE SUPERVISOR, LEASED MACHINERY (mach. mfg.)
machinery-service supervisor
SUPERVISOR, INSPECTION (aircraft mfg.)
inspector, chief
Shift Foreman, Inspection (aircraft mfg.)
WINE MAKER (vinous liquors)
enologist
Champagne Maker (vinous liquors)

183.288 PRODUCTION ESTIMATOR (firearms)
estimator

184. Transportation, Communication, and Utilities Industry Managers and Officials

This group includes managerial occupations concerned with passenger and freight transportation by railway, highway, water, or air; furnishing services relating to transportation; petroleum pipeline transportation; warehousing; telephone and telegraph communication services; radio broadcasting and television; and the supplying of electricity, gas, steam, water, or sanitary services.

184.118 DIRECTOR, PUBLIC SERVICE (radio & tv broad.)
manager, public service
Director, Educational Radio (radio & tv broad.)
DIRECTOR, TRANSPORTATION (motor trans.)
DISTRICT SALES REPRESENTATIVE (motor trans.)
public relations manager

184.118 Con.
IMPORT-EXPORT AGENT (r.r. trans.)
foreign agent
MANAGER, HARBOR DEPARTMENT (water trans.)
MANAGER, INDUSTRIAL DEVELOPMENT (r.r. trans.)
industrial and commercial agent
vice president, industrial development
MANAGER, AREA DEVELOPMENT (light, heat, & power)
area-development consultant
MANAGER, IRRIGATION DISTRICT (waterworks)
manager, water department
MANAGER, OPERATIONS (air trans.; motor trans.; r.r. trans.; water trans.)
operations manager
MANAGER, REGIONAL (motor trans.)
MANAGER, STATION (radio & tv broad.)
DIRECTOR, INTERNATIONAL BROADCASTING (radio & tv broad.)
manager, international division
OPERATIONS MANAGER (tel. & tel.)
REVENUE-SETTLEMENTS ADMINISTRATOR (tel. & tel.)
SUPERINTENDENT, AIRPORT (air trans.)
director, airport
manager, airport
SUPERINTENDENT, COMMUNICATIONS (tel. & tel.)
plant chief

184.168 CABLE FOREMAN, SUPERVISING (tel. & tel.)
DIRECTOR, OPERATIONS (radio & tv broad.)
DIRECTOR, OPERATIONS, BROADCAST (radio & tv broad.)
DIRECTOR, PROGRAM (radio & tv broad.) I
manager, program
DIRECTOR, BROADCAST (radio & tv broad.) I
DIRECTOR, INTERNATIONAL PROGRAMS (radio & tv broad.)
PRODUCTION CHIEF (radio & tv broad.)
PRODUCTION CHIEF, INTERNATIONAL BROADCAST (radio & tv broad.)
executive producer
producer-director
DIRECTOR, SPORTS (radio & tv broad.)
DISPATCHER, CHIEF (petrol. production; petrol. refin.; pipe lines) I
chief dispatcher
Dispatcher, Chief, Gas (petrol. production; petrol. refin.; pipe lines)
Dispatcher, Chief, Oil (petrol. production; petrol. refin.; pipe lines)
FLIGHT SUPERVISOR, PHOTOGRAMMETRY (bus. ser.)
FLOAT MASTER (water trans.)
boat dispatcher
GENERAL AGENT, OPERATIONS (r.r. trans.)
INCINERATOR-PLANT-GENERAL FOREMAN (sanitary ser.)
MAINTENANCE SUPERVISOR (light, heat, & power)
Maintenance Supervisor, Electrical (light, heat, & power)
Maintenance Supervisor, Mechanical (light, heat, & power.)
MANAGER, BUS TRANSPORTATION (motor trans.)
MANAGER, LOCKER PLANT (motor trans.; whole. tr.)
MANAGER, STATION (air trans.)
passenger service representative
transportation agent supervisor
MANAGER, TELEGRAPH OFFICE (tel. & tel.)
MANAGER, TERMINAL (motor trans.)
terminal manager
MANAGER, TRAFFIC (air trans.; motor trans.; water trans.)
manager, schedules and contracts
MANAGER, TRAFFIC (any ind.)
MANAGER, TRAFFIC (motor trans.) I
MANAGER, TRAFFIC (radio & tv broad.)
MANAGER, TRAFFIC (tel. & tel.) I
MANAGER, TRAFFIC (tel. & tel.) II
traffic chief
traffic superintendent

184.168 Con.
MANAGER, WAREHOUSE (any ind.)
storekeeper
superintendent, storage area
superintendent, warehouse
MANAGER, CHIEF, MATERIAL (petrol production)
material supervisor
toolhouse foreman
Division Material Supervisor (petrol production)
PORT-TRAFFIC MANAGER (water trans.)
SERVICE SUPERVISOR (light, heat, & power)
STATION MASTER (r.r. trans.)
Manager, Terminal (r.r. trans.)
STATIONS-RELATIONS-CONTACT REPRESENTATIVE (radio & tv broad.)
SUPERINTENDENT, COLD STORAGE (any ind.)
SUPERINTENDENT, COMPRESSOR STATIONS (pipe lines)
SUPERINTENDENT, DISTRIBUTION (light, heat, & power) I
chief power dispatcher
district manager
manager, electric distribution department
SUPERINTENDENT, DISTRIBUTION (light, heat, & power) II
superintendent, city plant
superintendent, gas distribution
superintendent, operations division
SUPERINTENDENT, DIVISION (air trans.)
SUPERINTENDENT, DIVISION (motor trans.; r.r. trans.)
division superintendent
SUPERINTENDENT, ELECTRIC POWER (light, heat, & power)
manager, public utility, rural
OPERATIONS SUPERVISOR (light, heat, & power)
chief operating engineer
SUPERINTENDENT, GENERATION (light, heat, & power)
superintendent, operations
superintendent, plant
SUPERINTENDENT, SYSTEM OPERATION (light, heat, & power)
planning-division superintendent
SUPERINTENDENT, TRANSMISSION (light, heat, & power)
transmission maintenance superintendent
SUPERINTENDENT, GAS PLANT (light, heat, & power)
SUPERINTENDENT, MAINTENANCE OF EQUIPMENT (motor trans.; r.r. trans.)
SUPERINTENDENT, MARINE (water trans.)
Port Captain (water trans.)
SUPERINTENDENT, MEASUREMENT (petrol. production; pipe lines)
measurement superintendent
SUPERINTENDENT, METERS (light, heat, & power)
meter engineer
SUPERINTENDENT, PIPE LINES (pipe lines)
Pipe-Line Superintendent, District (pipe lines)
Pipe-Line Superintendent, Division (pipe lines)
Pipe-Line Superintendent, Field (pipe lines)
SUPERINTENDENT, POWER (r.r. trans.)
superintendent, electrical department
SUPERINTENDENT, STATION (tel. & tel.)
chief tester
SUPERINTENDENT, STATIONS (air trans.)
SUPERINTENDENT, STATIONS (motor trans.; r.r. trans.)
SUPERINTENDENT, TERMINAL (water trans.)
wharfinger
Superintendent, Pier (water trans.)
WHARFINGER, HEAD (petrol. refin.; pipe lines)
SUPERINTENDENT, TESTS (light, heat, & power)
chief-plant-betterment engineer
ELECTRICAL TESTS SUPERVISOR (light, heat, & power)

184.168 SUPERINTENDENT, TRANSPORTATION (any ind.)
Con. manager, transportation
motor vehicles supervisor
superintendent, automotive
transportation department head
SUPERINTENDENT, WATERWORKS (waterworks)
water supervisor
SUPERVISOR OF TRANSMISSION (waterworks)
SUPERVISOR OF WAY (r.r. trans)
maintenance-of-way supervisor
SUPERVISOR, TERMINAL (motor trans.)
TERMINAL-SERVICES AGENT (motor trans.)
manager, van service
TESTING-AND-REGULATING CHIEF (tel. & tel.)
TRAFFIC CHIEF, RADIO COMMUNICATIONS (tel. & tel.) dispatcher, radio
TRAFFIC INSPECTOR (motor trans.; r.r. trans.)
dispatcher, urban
transportation inspector
TRAIN DISPATCHER (r.r. trans.)
c.t.c. operator
dispatcher
traffic-control operator
TRANSPORTATION-MAINTENANCE FOREMAN (any ind.)
general foreman, transportation
TRANSPORTATION SUPERVISOR (gov. ser.)
WATER-AND-SEWER-SYSTEMS SUPERVISOR (waterworks)
district-water-main supervisor
water-distribution supervisor
zone supervisor
WATERMASTER (gov. ser.)
supervisory irrigation operator
WHARFINGER, CHIEF (water trans.)
YARDMASTER (r.r. trans.)
Industrial Yardmaster (r.r. trans.)
Yardmaster, Footboard (r.r. trans.)
184.268 FREIGHT-TRAFFIC CONSULTANT (bus. ser.)
transportation consultant
184.288 SUPERVISOR, LEASED EQUIPMENT (motor trans.)
184.388 WHARFINGER (water trans.) I

185. Wholesale and Retail Trade Managers and Officials

This group includes managerial occupations concerned with selling merchandise to retailers; to industrial, commercial, institutional or professional users; or to other wholesalers; or acting as agents in buying merchandise for or selling merchandise to such persons or companies.

185.158 FASHION COORDINATOR (ret. tr.)
director, fashion
display stylist
stylist
SUPERVISOR OF SALES (bus. ser.)
185.168 COMMISSARY MAN (any ind.)
concessionaire
manager, camp
steward
Commissary Woman (any ind.)
CONCESSION SUPERVISOR (ret. tr.)
MANAGER, DENTAL-SUPPLY HOUSE (bus. ser.)
MANAGER, DISTRIBUTION WAREHOUSE (whole. tr.)
MANAGER, DOUGHNUT SHOP (whole. tr.)
MANAGER, FOOD CONCESSION (hotel & rest.)
MANAGER, FRANCHISE PROMOTION (bus. ser.)
MANAGER, MERCHANDISE (ret. tr.; whole. tr.)
director, merchandise
MANAGER, PARTS (ret. tr.; whole. tr.)
counterman
manager, stockroom
parts man
MANAGER, STORE (ret. tr.) I
Manager, Retail Apparel (ret. tr.)
Manager, Retail Automotive (ret. tr.)
Manager, Retail Dairy Products (ret. tr.)
Manager, Retail Drug (ret. tr.)
Manager, Retail Floral (ret. tr.)
Manager, Retail Food (ret. tr.)
Manager, Retail General Merchandise (ret. tr.)
Manager, Retail Hardware and Farm Implements (ret. tr.)
185.168 Manager, Retail Housefurnishings (ret. tr.)
Con. Manager, Retail Household Appliances (ret. tr.)
Manager, Retail Liquor (ret. tr.)
Manager, Retail Lumber and Building Supplies (ret. tr.)
Manager, Retail Shoe (ret. tr.)
Manager, Retail Variety (ret. tr.)
MANAGER, STORE (ret. tr.) II
MANAGER, TOBACCO WAREHOUSE (whole. tr.)
warehouseman
warehouse manager
warehouse operator
SERVICE MANAGER (auto. ser.)
SUPERVISOR, LIQUOR STORES AND AGENCIES (gov. ser.)
VENDING-STAND SUPERVISOR (gov. ser.)
operations supervisor
WHOLESALER (whole. tr.)
jobber
manager, wholesale-trade establishment
wholesale dealer
wholesale merchant
Industrial Distributer (whole. tr.)
CONVERTER (whole. tr.)
IMPORTER-EXPORTER (ret. tr.; whole. tr.)

186. Finance, Insurance, and Real Estate Managers and Officials

This group includes managerial occupations concerned with banks and trust companies, credit agencies other than banks, investment companies, brokers and dealers in securities and commodity contracts, and security and commodity exchanges; all types of insurance, and insurance agents and brokers; owners, lessors, lessees, buyers, sellers, agents, and developers of real estate.

186.118 BUSINESS MANAGER, COLLEGE OR UNIVERSITY (education)
CONTROLLER (profess. & kin.)
comptroller
CUSTOMS-HOUSE BROKER (finan. inst.)
DEPUTY INSURANCE COMMISSIONER (gov. ser.)
MANAGER, FINANCIAL INSTITUTION (banking; finan. inst.)
Manager, Branch Bank (banking)
Manager, Consumer Credit (banking; finan. inst.)
Manager, Trust Company (banking; finan. inst.)
MANAGER, INSURANCE (any ind.)
MANAGER, LEASING (petrol. production)
general manager, land department
land-and-leases supervisor
land department head
landman, chief
lease agent
leases-and-land supervisor
manager, land department
superintendent, land department
Divisional Landman (petrol. production)
PROPERTY MANAGER (gov. ser.)
Director, Land Board (gov. ser.)
PROPERTY-RENTAL AGENT (bus. ser.)
REAL-ESTATE AGENT (r.r. trans.)
TRUST OFFICER (banking)
trust administrator
VICE PRESIDENT, BANK (banking)
branch manager
manager, department
186.138 MANAGER, SAFE DEPOSITS (banking)
186.168 BANK CASHIER (banking)
Stock Cashier (banking)
BUILDING - SUPPLIES - AND - MOTOR VEHICLE SUPERVISOR (tel. & tel.)
FOREIGN-EXCHANGE TRADER (banking)
international banking officer
MANAGER, APARTMENT HOUSE (hotel & rest.) I
manager, executive
manager, resident
MANAGER, HOUSING PROJECT (profess. & kin.)
MANAGER, INSURANCE OFFICE (insurance)
district agent
manager, agency
186.168 MANAGER, PROPERTY (real estate)
Con. MANAGER, RENTAL DEPARTMENT (petrol. production)
land-records-and-titles supervisor
titles-and-land-records supervisor
MARKET MASTER (ret. tr.; whole. tr.)
market manager
market superintendent
OPERATIONS OFFICER (banking)
Operations Officer, Personnel (banking)
Operations Officer, Trust (banking)
RESERVE OFFICER (banking)
SECURITIES TRADER (banking)
Bond Cashier (banking)
Bond Trader (banking)
Stock Trader (banking)
SUPERVISOR, CREDIT UNION (finan. inst.)
186.288 LOAN OFFICER (banking)
Mortgage-Loan Officer (insurance)
186.388 DISBURSEMENT CLERK (finan. inst.)

187. Service Industry Managers and Officials

This group includes managerial occupations concerned with hotels and other lodging places; establishments providing personal, business, repair, and amusement services; medical, legal, engineering, and other professional services; nonprofit membership organizations, and other miscellaneous services.

187.118 BUSINESS AGENT, LABOR UNION (profess. & kin.)
labor-relations agent
organizer
union-labor representative
union representative
DIRECTOR, COMMUNITY ORGANIZATION (nonprofit organ.)
community planning director
director, federated fund
director, united fund
executive, community planning
DISTRICT ADVISER (nonprofit organ.)
district director
District Scout Executive (nonprofit organ.)
EXECUTIVE VICE PRESIDENT, CHAMBER OF COMMERCE (nonprofit organ.)
manager, chamber of commerce
MANAGER, DEPARTMENT, CHAMBER OF COMMERCE (nonprofit organ.)
Manager, Aviation and Space (nonprofit organ.)
Manager, Construction Industries (nonprofit organ.)
Manager, Domestic Trade (nonprofit organ.)
MANAGER, WORLD TRADE (nonprofit organ.)
MANAGER, HOTEL (hotel & rest.) I
manager, general
manager, resident
MANAGER, MOTEL (hotel & rest.) II
manager, executive
Manager, Motor Hotel (hotel & rest.)
Manager, Motor Inn (hotel & rest.)
PUBLIC HEALTH SERVICE OFFICER (gov. ser.)
RECREATION SUPERVISOR (profess. & kin.)
RECREATION SUPERVISOR, SPECIAL ACTIVITY (profess. & kin.)
SCOUT, PROFESSIONAL SPORTS (amuse. & rec.)
Baseball Scout (amuse. & rec.)
Basketball Scout (amuse. & rec.)
Football Scout (amuse. & rec.)
SUPERINTENDENT, CIRCUS (amuse. & rec.)
manager, general
SUPERINTENDENT, INSTITUTION (any ind.)
manager, institution
Superintendent, Home-For-Aged (any ind.)
Superintendent, Juvenile-Correction-School (gov. ser.)
Superintendent, Training-School-For-Blind (education)
Superintendent, Training-School-For-Deaf (education)
Warden (gov. ser.)

187.118 Con.
SUPERINTENDENT, HOSPITAL (medical ser.)
administrator, hospital
director, hospital
hospital administrator
SUPERINTENDENT, RECREATION (gov. ser.)
director, recreation

187.138 HOUSE MOTHER (any ind.)
cottage parent

187.168 APPLIANCE-SERVICE SUPERVISOR (light, heat, & power)
electrical-appliance service supervisor
merchandise supervisor
CATERER (per. ser.)
DIRECTOR, AGRICULTURAL LABOR CAMP (profess. & kin.)
agricultural-labor-camp foreman
manager, farm labor camp
superintendent, camp
DIRECTOR, FOOD AND BEVERAGE (hotel & rest.)
maitre d'hotel
DIRECTOR, FUNERAL (per. ser.)
manager, funeral home
mortician
undertaker
DIRECTOR, HOBBY SHOP (amuse. & rec.)
recreation leader, arts and crafts
DIRECTOR, NURSES' REGISTRY (medical ser.)
registrar, nurses' registry
DIRECTOR, SCHOOL LUNCH PROGRAM (hotel & rest.)
director, food services
manager, school lunch program
DIRECTOR, VOLUNTEER SERVICES (medical ser.)
EDITOR, NEWSREEL (motion pic.)
EXECUTIVE HOUSEKEEPER (hotel & rest.; medical ser.)
housekeeper, administrative
housekeeper, head
HUNTSMAN (amuse. & rec.)
professional huntsman
MANAGER, BARBER SHOP (per. ser.)
MANAGER, BEAUTY SHOP (per. ser.)
MANAGER, CAFETERIA OR LUNCHROOM (hotel & rest.)
manager, lunchroom or cafeteria
MANAGER, CAMP (const.)
camp supervisor
MANAGER, CATERING (hotel & rest.)
Manager, Banquet (hotel & rest.)
MANAGER, CEMETERY (per. ser.)
superintendent, cemetery
MANAGER, CONVENTION (hotel & rest.)
MANAGER, DANCE STUDIO (education)
MANAGER, DENTAL LABORATORY (medical ser.)
MANAGER, FRONT OFFICE (hotel & rest.)
hotel manager
manager, office
MANAGER, GOLF CLUB (amuse. & rec.)
house steward
MANAGER, LIQUOR ESTABLISHMENT (hotel & rest.)
manager, club
Manager, Beer Parlor (hotel & rest.)
Manager, Cocktail Lounge (hotel & rest.)
Manager, Night Club (hotel & rest.)
Manager, Tavern (hotel & rest.)
MANAGER, MARINE SERVICE (ship & boat bldg. & rep.; water trans.)
MANAGER, MUTUEL DEPARTMENT (amuse. & rec.)
MANAGER, RECREATION ESTABLISHMENT (amuse. & rec.)
Manager, Dance Floor (amuse. & rec.)
MANAGER, FISH AND GAME CLUB (amuse. & rec.)
MANAGER, GUN CLUB (amuse. & rec.)
manager, range
range master
MANAGER, RESIDENT (hotel & rest.) I
manager, executive assistant
MANAGER, RESTAURANT OR COFFEE SHOP (hotel & rest.)
manager, coffee shop or restaurant
MANAGER, SALES (clean., dye., & press.)

187.168 Con.
MANAGER, SERVICE DEPARTMENT (whole. tr.)
manager, service
service supervisor
MANAGER, SKATING RINK (amuse. & rec.)
Manager, Ice-Skating Rink (amuse. & rec.)
Manager, Roller-Skating Rink (amuse. & rec.)
MANAGER, STORAGE GARAGE (auto. ser.)
MANAGER, THEATER (amuse. & rec.)
manager, house
MANAGER, TRAVELING (hotel & rest.)
manager, general
MANAGER, VEHICLE LEASING AND RENTAL (auto. ser.)
MANAGER, WINTER SPORTS (amuse. & rec.)
NATIONAL SERVICE OFFICER (nonprofit organ.)
liaison officer
national insurance officer
rehabilitation officer
service officer
veterans' claims representative
veterans' counselor
veterans' service officer
ORGANIZER (profess. & kin.) I
fraternal representative
PRODUCER (amuse. & rec.)
Director, Stage (amuse. & rec.)
PRODUCER (motion pic.)
production supervisor
PRODUCER, ASSISTANT (motion pic.)
PROGRAM DIRECTOR, GROUP WORK (profess. & kin.)
PROGRAM DIRECTOR, SCOUTING (nonprofit organ.)
SUPERINTENDENT, BUILDING (any ind.) II
building-service supervisor
custodian
manager, building
SUPERINTENDENT, LAUNDRY (laund.)
SUPERINTENDENT, MAINTENANCE (air. trans.)
SUPERINTENDENT, MAINTENANCE (motor trans.) shop superintendent

187.268 FIELD REPRESENTATIVE (nonprofit organ.)

187.288 SERVICE-MANAGEMENT SPECIALIST (auto. mfg.)

187.368 BOOKMAKER (amuse. & rec.)
gambler, horse racing

188. Public Administration Managers and Officials
This group includes managerial occupations concerned with Federal, State, local, and international government activities, such as the legislative, judicial, and administrative functions, as well as government owned and operated business enterprises.

188.118 APPRENTICE-TRAINING REPRESENTATIVE, FIELD (gov. ser.)
area representative
CHIEF, FISHERY DIVISION (gov. ser.)
CIVIL DEFENSE OFFICER (gov. ser.)
Civil Defense Area Coordinator (gov. ser.)
Civil Defense Communications Analyst (gov. ser.)
Civil Defense Operations Officer (gov. ser.)
Civil Defense Radiological Officer (gov. ser.)
Civil Defense Supply Specialist (gov. ser.)
Director, Civil Defense (gov. ser.)
Director, Civil Defense Project (gov. ser.)
Director, Civil Defense Warden (gov. ser.)
Mobile Support Area Commander (gov. ser.)
Shelter Management Officer (gov. ser.)
Welfare and Resources Analyst (gov. ser.)
COMMISSIONER, CONSERVATION OF RESOURCES (gov. ser.)
Commissioner, Iron Range Resources and Rehabilitation (gov. ser.)
COMMISSIONER OF CONCILIATION (gov. ser.)
COMMISSIONER, PUBLIC WORKS (gov. ser.)
public-works commissioner
ROADS SUPERVISOR (gov. ser.)

188.118 Con.
CUSTOMS COLLECTOR (gov. ser.)
collector of customs
DIRECTOR, AERONAUTICS COMMISSION (gov. ser.)
DIRECTOR, COUNCIL ON AGING (gov. ser.)
regional coordinator for aging
DIRECTOR, FIELD REPRESENTATIVES (gov. ser.)
DIRECTOR, MEDICAL FACILITIES SECTION (gov. ser.)
FOREIGN-SERVICE OFFICER (gov. ser.)
diplomat
GENERAL SERVICES OFFICER (gov. ser.)
HOUSING-MANAGEMENT OFFICER (gov. ser.)
INDUSTRIAL PLANNING ADMINISTRATOR (gov. ser.)
MANAGER, CITY (gov. ser.)
manager, county
manager, town
POLICE COMMISSIONER (gov. ser.) I
WELFARE DIRECTOR (gov. ser.)
County Director, Welfare (gov. ser.)
DIRECTOR, BUREAU OF PUBLIC ASSISTANCE (gov. ser.)

188.168 ASSESSOR-COLLECTOR, IRRIGATION TAX (gov. ser.)
BUSINESS-ENTERPRISE SPECIALIST (gov. ser.)
CHIEF PROCTOR (gov. ser.)
CHIEF WARDEN (gov. ser.)
CUSTOMS AGENT (gov. ser.)
customs investigator
CUSTOMS COLLECTOR, ASSISTANT (gov. ser.)
deputy collector
supervisory customs inspector
CUSTOMS OFFICER (gov. ser.)
Customs Documentation Officer (gov. ser.)
Customs Entry-and-Clearance Officer (gov. ser.)
Customs Foreign-Trade Officer (gov. ser.)
Customs Liquidating Officer (gov. ser.)
DIRECTOR, CLASSIFICATION AND TREATMENT (gov. ser.)
assignment officer
correctional officer
DIRECTOR, FINANCIAL RESPONSIBILITY DIVISION (gov. ser.)
DIRECTOR OF VITAL STATISTICS (gov. ser.)
DIRECTOR, SAFETY COUNCIL (gov. ser.)
TRAFFIC-SAFETY ADMINISTRATOR (gov. ser.).
DIRECTOR, SECURITIES AND REAL ESTATE (gov. ser.)
DIRECTOR, STATE-ASSESSED PROPERTIES (gov. ser.)
ELECTION PROCEDURES ADVISER (gov. ser.)
FEDERAL AID COORDINATOR (gov. ser.)
MANAGER, HOUSING AUTHORITY (gov. ser.)
MANAGER, RENT-CONTROL OFFICE (gov. ser.)
rent-control inspector
rent-control investigator
PARK SUPERINTENDENT (gov. ser.)
supervisory park ranger
CHIEF, BOATING DIVISION (gov. ser.)
POSTMASTER (gov. ser.)
PROPERTY-UTILIZATION OFFICER (gov. ser.)
compliance man
manager, surplus property
screener, surplus property
Real-Estate-Utilization Officer (gov. ser.)
State - Surplus - Commodity - and - Property Representative (gov. ser.)
RELOCATION COMMISSIONER (gov. ser.)
REVENUE AGENT (gov. ser.)
field agent
field auditor
revenue officer
SECRETARY OF STATE (gov. ser.)
SUPERINTENDENT, MAILS (gov. ser.)
SUPERINTENDENT, SANITATION DEPARTMENT (gov. ser.)
director, sanitation bureau
Superintendent, Incineration (gov. ser.)
Superintendent, Sewage Treatment (gov. ser.)
UNCLAIMED PROPERTY TRUST OFFICER (gov. ser.)

188.188 ASSESSOR (gov. ser.)
Con. deputy assessor
Assessor, Buildings (gov. ser.)
Assessor, Land (gov. ser.)
Assessor, Personal Property (gov. ser.)
Assessor, Timber (gov. ser.)

189. Miscellaneous Managers and Officials, n.e.c.
This group includes miscellaneous managers and officials, not elsewhere classified

189.118 ASSOCIATION EXECUTIVE (profess. & kin.)
executive, trade-or-professional organization
Director of Publications (profess. & kin.)
Excutive Secretary (profess. & kin.)
Membership Secretary (profess. & kin.)
Representative, Government Relations (profess. & kin.)
Research Director (profess. & kin.)
DIRECTOR, REASEARCH AND DEVELOPMENT (any ind.)
manager, product development
manager, research and development
manufacturing engineer, chief
MANAGER, INDUSTRIAL ORGANIZATION (any ind.)
general manager, industrial organization
manager, general
manager, plant
superintendent, industrial organization
Director, Manufacturing (clock & watch)
General Manager, Petroleum Production (petrol. production)
General Manager, Refinery (petrol. refin.)
Manager, Hemp Processing (cord. & twine)
Manager, Transportation Organization (motor trans.; r.r. trans.; water trans.)
PRESIDENT (any ind.)
Bank President (banking)
VICE PRESIDENT (any ind.)

189.158 BUSINESS BROKER (real estate)
business opportunity broker

189.168 DIRECTOR, SERVICE (rct. tr.)
manager, operating and occupancy
superintendent, nonselling
superintendent, operating
JUNIOR EXECUTIVE (any ind.)
junior executive trainee
MANAGER TRAINEE (any ind.)
staff assistant
SECURITY OFFICER (any ind.)
security supervisor
SUPERINTENDENT, MAGAZINE AREA (ammunition)
SUPERINTENDENT, MAINTENANCE (any ind.)
SUPERINTENDENT, PLANT PROTECTION (any ind.)
protection chief, industrial plant
security manager

189.268 FIELD REPRESENTATIVE (profess. & kin.)
MANAGER, TECHNICAL SERVICE (profess. & kin.)

19 MISCELLANEOUS PROFESSIONAL, TECHNICAL, AND MANAGERIAL OCCUPATIONS

This division includes miscellaneous occupations concerned with professional, technical, and managerial work.

191. Agents and Appraisers, n.e.c.
This group includes occupations, not elsewhere classified, concerned with representing clients in business operations; and determining value, quantity or quality of a product, property, or object. Included are those classified in one group as both agents and appraisers.

191.118 BOOKING AGENT (amuse. & rec.)
booker

191.118 BUSINESS AGENT (amusc. & rec.)
Con. manager, business
personal manager
CIRCUS AGENT (amuse. & rcc.)
CIRCUS-CONTRACTING AGENT (amuse. & rec.)
agent
IMPRESARIO (amuse. & rec.)
MANAGER, THEATRICAL PRODUCTION (amuse. & rec.)
manager, road
manager, touring
LEASEMAN (petrol. production)
landman
lease buyer
leaser
LITERARY AGENT (bus. ser.)
author's agent
PLAY BROKER (amuse. & rec.)
PERMIT AGENT, GEOPHYSICAL PROSPECTING (petrol. production)
RIGHT-OF-WAY AGENT (any ind.)
claims agent, right-of-way
permit agent
RIGHT-OF-WAY SUPERVISOR (any ind.)
supervisor, permits, easements, and right-of-way

191.158 PAWNBROKER (ret. tr.)
salesman, pawn shop

191.168 ADVANCE MAN (amuse. & rec.)
advance agent
DIRECTOR, LOCATION (motion pic.)
location man
SERVICE REPRESENTATIVE (auto. mfg.)

191.268 CREDIT ANALYST (banking)
CREDIT ANALYST (clerical)
INVESTIGATOR (insurance) I

191.287 APPRAISER, FURNITURE (ret. tr.)
APPRAISER, REAL ESTATE (real estate)

191.288 APPRAISER (any ind.)

191.368 PERSONAL PROPERTY FIELD MAN (gov. ser.)
deputy assessor

191.688 MATERIAL-AND-EQUIPMENT CLASSIFIER (gov. ser.)

193. Radio Operators
This group includes occupations concerned with receiving and transmitting communications, using radiotelegraph or radiotelephone equipment, in accordance with government regulations. Must be federally licensed.

193.168 AIRLINE-RADIO OPERATOR, CHIEF (air trans.)
senior radio operator
watch supervisor
AIR-TRAFFIC-CONTROL SPECIALIST, STATION (gov. ser.)
AIR-TRAFFIC-CONTROL SPECIALIST, TOWER (gov. ser.)
airport-control operator
control-tower-radio operator
flight-control-tower operator
Air-Traffic-Control Specialist, Center (gov. ser.)
AIR-TRAFFIC COORDINATOR (gov. ser.)
CHIEF CONTROLLER (gov. ser.)
air-traffic-control supervisor
Chief Controller, Center (gov. ser.)
Chief Controller, Station (gov. ser.)
Chief Controller, Tower (gov. ser.)
CONTROL SUPERVISOR, JUNIOR (radio & tv broad.)
CONTROL SUPERVISOR, SENIOR (radio & tv broad.)
master-control supervisor
FIELD SUPERVISOR, BROADCAST (radio & tv broad.)
RADIO CHIEF (air trans.)
SUPERINTENDENT, RADIO COMMUNICATIONS (gov. ser.)
commanding officer, radio division
Radio-Division Captain (gov. ser.)
Radio-Division Lieutenant (gov. ser.)

193.282 AIRLINE-RADIO OPERATOR (air trans.)
DISPATCHER (gov. ser.) I
FIELD ENGINEER (radio & tv broad.)
field technician
Microwave Engineer (radio & tv broad.)
RADIO-INTELLIGENCE OPERATOR (gov. ser.)

193.282 RADIO OFFICER (water trans.)
Con. radio operator
RADIO STATION OPERATOR (aircraft mfg.)
radio operator, ground
RADIOTELEGRAPH OPERATOR (tel. & tel.)
cw operator
radiotelegraphist
telegraph man
RADIOTELEPHONE OPERATOR (tel. & tel.)
phone-circuit operator
radioman
radiophone operator
radiotelephone-technical operator

193.382 PHOTORADIO OPERATOR (tel. & tel.)
facsimile operator
radio-photo technician

194. Sound Recording, Transcribing, and Reproduction Occupations
This group includes occupations concerned with recording, transcribing, and reproduction of voice, music, and other sounds by use of electronic equipment. Includes occupations concerned with radio and television broadcasting, and motion picture and phonograph record production.

194.168 MANAGER, SOUND EFFECTS (radio & tv broad.)
sound effects supervisor
sound man, chief
sound man, head

194.281 SOUND-EFFECTS MAN (radio & tv broad.)
sound-effects technician

194.282 SOUND MAN (amuse. & rec.)
SOUND MIXER (motion pic.; phonograph; radio & tv broad.)
mixer operator
music mixer
operator chief
recording engineer
sound man
studio engineer
studio technician

194.382 RE-RECORDING MIXER (motion pic.)
SOUND CUTTER (motion pic.)
editor, sound
moviola operator
PLAY-BACK MAN (motion pic.; phonograph)
tape duplicator

194.782 RECORDING-MACHINE OPERATOR (phonograph; radio & tv broad.)
recording technician
Disk - Recording - Machine Operator (phonograph; radio & tv broad.)
Dubbing-Machine Operator (phonograph)
Tape - Recording - Machine Operator (phonograph; radio & tv broad.)
Wire - Recording - Machine Operator (phonograph; radio & tv broad.)
VIDEOTAPE-RECORDING ENGINEER (radio & tv broad.)
TAPE DUPLICATOR (phonograph)

195. Occupations in Social and Welfare Work
This group includes occupations concerned with rendering assistance to individuals and groups with problems, such as poverty, illness, family maladjustment, antisocial behavior, limited recreation opportunities, and inadequate housing.

195.108 CASEWORKER (profess. & kin.)
CASEWORKER, CHILD WELFARE (profess. & kin.)
CASEWORKER, FAMILY (profess. & kin.)
family counselor
PAROLE OFFICER (profess. & kin.)
PROBATION OFFICER (profess. & kin.)
SOCIAL WORKER, MEDICAL (profess. & kin.)
social worker, clinical
SOCIAL WORKER, PSYCHIATRIC (profess. & kin.)
social worker, clinical
SOCIAL WORKER, SCHOOL (profess. & kin.)
home and school visitor
school adjustment counselor
visiting teacher
COMMUNITY-RELATIONS-AND-SERVICES ADVISOR, PUBLIC HOUSING (profess. & kin.)
GROUP WORKER (profess. & kin.)
SOCIAL GROUP WORKER (profess. & kin.)

195.108 Con. SOCIAL WORKER, DELINQUENCY PREVENTION (profess. & kin.)
195.118 ADMINISTRATOR, SOCIAL WELFARE (profess. & kin.)
director, social welfare
executive secretary, social welfare
general secretary, social welfare
Director, Community Center (profess. & kin.)
Director, Social Service (profess. & kin.)
DIRECTOR, WELFARE (profess. & kin.)
employee-service officer
manager, welfare
195.168 CASEWORK SUPERVISOR (profess. & kin.)
case supervisor
COMMUNITY ORGANIZATION WORKER (profess. & kin.)
DIRECTOR, CAMP (profess. & kin.)
DIRECTOR, FIELD (nonprofit organ.)
field director
DIRECTOR, RECREATION CENTER (profess. & kin.)
SUPERINTENDENT, RELIEF CAMP (gov. ser.)
195.208 CASE AID (profess. & kin.)
195.228 PROGRAM AID, GROUP WORK (profess. & kin.)
RECREATION LEADER (profess. & kin.)
195.368 MANAGEMENT AID (profess. & kin.)

196. Airplane Pilots and Navigators

This group includes occupations concerned with piloting airplanes for the transportation of passengers, freight, and mail, and other purposes, such as crop dusting and the testing of new models; and charting the courses of planes by the use of instruments, charts, celestial observation, and dead reckoning. Must be federally licensed. Includes occupations concerned with the supervision of flight operations and maintenance when a pilot's or navigator's license is required. Includes flight instructors. Ground school instructors are included in Group 099.

196.168 CHIEF PILOT (air trans.)
airplane pilot, chief
FLIGHT-OPERATIONS INSPECTOR (gov. ser.)
SUPERVISING AIRPLANE PILOT (gov. ser.)
196.188 NAVIGATOR (air trans.)
aerial navigator
airplane navigator
196.228 INSTRUCTOR, FLYING (education)
INSTRUCTOR, PILOT (air trans.)
196.248 BARNSTORMER (amuse. & rec.)
196.268 CHECK PILOT (air trans.)
196.283 AIRPLANE PILOT (agric.)
aerial-applicator pilot
agricultural-aircraft pilot
aircraft pilot
airplane pilot, crop dusting
Pest-Control Pilot (agric.)
AIRPLANE PILOT, COMMERCIAL (air trans.)
commercial pilot
pilot
Airplane Captain (air trans.)
Airline Pilot (air trans.)
Airplane First-Officer (air trans.)
Copilot (air trans.)
Corporate Pilot (air trans.)
Transport Pilot (air trans.)
AIRPLANE-PATROL PILOT (bus. ser.)
AIRPLANE PILOT, PHOTOGRAMMETRY (bus. ser.)
HELICOPTER PILOT (air trans.)
EXECUTIVE PILOT (any ind.)
corporation pilot
FACILITIES-FLIGHT-CHECK PILOT (gov. ser.)
MISSILE-CONTROL PILOT (aircraft mfg.)
TEST PILOT (aircraft mfg.; air trans.)
196.782 BALLOONIST, HOT AIR (profess. & kin.)

197. Ship Captains, Mates, Pilots, and Engineers

This group includes occupations concerned with managing and operating vessels. Includes occupations concerned with technical supervision of marine operations for a group of vessels; administrative and technical responsibility for the operation, maintenance, and safety of a passenger or cargo vessel; the planning and supervision of operations and maintenance in the deck and engine departments of a vessel; administration of business affairs, such as purchasing, disbursing, and insuring compliance with customs and immigration regulations, aboard a vessel; and piloting vessels through rivers, straits, and harbors.

197.130 CADET ENGINEER (water trans.)
ENGINEER (water trans.)
marine engineer
mechanic, marine engine
Barge Engineer (water trans.)
Cannery-Tender Engineer (water trans.)
Engineer, Chief (water trans.)
Engineer, First Assistant (water trans.)
Engineer, Fishing Vessel (water trans.)
Engineer, Second Assistant (water trans.)
Engineer, Third Assistant (water trans.)
Tugboat Engineer (water trans.)
197.133 CAPTAIN, FISHING VESSEL (fish.)
skipper
Buy-Boat Operator (fish.)
Captain, Cannery Tender (fish.)
MASTER, YACHT (water trans.)
Master, Coastwise Yacht (water trans.)
Master, Ocean Yacht (water trans.)
Master, Steam Yacht (water trans.)
MATE, FISHING VESSEL (fish.)
MATE, SHIP (water trans.)
ship officer
Mate, Chief (water trans.)
Mate, First (water trans.)
Mate, Fourth (water trans.)
Mate, Relief (water trans.)
Mate, Second (water trans.)
Mate, Third (water trans.)
PILOT, SHIP (water trans.)
Pilot, Steam Yacht (water trans.)
Pilot, Tank Vessel (water trans.)
TUGBOAT CAPTAIN (water trans.)
TUGBOAT MATE (water trans.)
197.137 DREDGE MATE (water trans.)
197.168 DREDGE CAPTAIN (water trans.)
dredge operator
dredge runner
FERRYBOAT CAPTAIN (water trans.)
MASTER, PASSENGER BARGE (water trans.)
barge captain
MASTER, RIVERBOAT (water trans.)
riverboat captain
MASTER, SHIP (water trans.)
ship's captain
Master, Bay, Sounds, and Lakes (water trans.)
Master, Coastal Waters (water trans.)
Master, Great Lakes (water trans.)
Master, Ocean (water trans.)
PURSER (water trans.)
ship purser

198. Railroad Conductors

This group includes occupations concerned with directing the activities of crews on trains carrying passengers and/or freight, and mail.

198.168 CONDUCTOR, MIXED TRAIN (r.r. trans.)
CONDUCTOR, PASSENGER CAR (r.r. trans.)
CONDUCTOR, PULLMAN (r.r. trans.)
conductor, sleeping car
CONDUCTOR, ROAD FREIGHT (r.r. trans.)

199. Miscellaneous Professional, Technical, and Managerial Occupations, n.e.c.

This group includes occupations concerned with professional, technical, and managerial work, not elsewhere classified.

199.168 PROOF DIRECTOR (ammunition; firearms)
Ammunition-Proof Technician, Chief (ammunition)
Proof-Director, Antiaircraft Artillery (firearms)
Proof Director, Bomb (ammunition)
Proof Director, Mobile Artillery (firearms)
Proof Director, Seacoast Artillery (firearms)
Proof Director, Small Arms (firearms)
URBAN PLANNER (profess. & kin.)
city planner
city-planning engineer
land planner
town planner
Chief Planner (profess. & kin.)
Director, Planning (profess. & kin.)
199.187 RADIATION MONITOR (profess. & kin.)
health-physics technician
personnel monitor
radiation protection man
199.268 CENSOR (profess. & kin.)
EXAMINATION PROCTOR (gov. ser.)
KEELER-POLYGRAPH OPERATOR (profess. & kin.)
lie-detector operator
199.281 GEMOLOGIST (jewelry)
gem expert
PROOF TECHNICIAN (ammunition; firearms)
control shooter
laboratory technician
Ammunition-Proof Technician (ammunition)
Proof Technician, Antiaircraft Artillery (firearms)
Proof Technician, Bomb (ammunition)
Proof Technician, Mobile Artillery (firearms)
Proof Technician, Seacoast Artillery (firearms)
Proof Technician, Small Arms (firearms)
TAXIDERMIST (profess. & kin.)
TESTER, FOOD PRODUCTS (grain & feed mill.)
199.287 BALLISTICS EXPERT (gov. ser.)
ballistician
ballistic man
ballistic officer
firearms expert
firearms identification specialist
firearms man
firearms officer
Lieutenant, Ballistics (gov. ser.)
199.288 CRYPTANALYST (gov. ser.)
cipher expert
cryptographer
secret-code expert
HANDWRITING EXPERT (gov. ser.)
handwriting man
TRAFFIC TECHNICIAN (gov. ser.)
199.381 RADIOGRAPHER (any ind.)
industrial X-ray operator
X-Ray Technician (any ind.)
199.384 SCIENTIFIC HELPER (profess. & kin.)
laboratory assistant
research assistant
Geologist Helper (profess. & kin.)
199.387 PRESERVATION-PACKING SPECIALIST (any ind.)
199.388 CITY PLANNING AID (profess. & kin.)
planning assistant
TELEVISION-SCHEDULE COORDINATOR (radio & tv broad.)
program schedule clerk
199.885 DECONTAMINATION MAN (any ind.)

2 CLERICAL AND SALES OCCUPATIONS

This category includes occupations concerned with preparing, transcribing, transferring, systematizing, and preserving written communications and records; collecting accounts; distributing information; and influencing customers in favor of a commodity or service. Includes occupations closely identified with sales transactions even though they do not involve actual participation.

20 **STENOGRAPHY, TYPING, FILING, AND RELATED OCCUPATIONS**
This division includes occupations concerned with making, classifying, and filing records, including written communications.

201. **Secretaries**
This group includes occupations concerned with carrying out minor administrative and general office duties in addition to taking and transcribing dictation. Occupations concerned primarily with taking and transcribing dictation are included in Group 202.

201.268 SOCIAL SECRETARY (clerical)
201.368 SECRETARY (clerical)
girl friday
secretarial stenographer
LEGAL SECRETARY (clerical)
MEDICAL SECRETARY (clerical)

202. **Stenographers**
This group includes occupations concerned with taking shorthand or speedwriting notes by hand or machine and transcribing them.

202.388 COURT REPORTER (clerical)
law reporter
STENOGRAPHER (clerical)
clerk-stenographer
Foreign-Language Stenographer (clerical)
Legal Stenographer (clerical)
Medical Stenographer (clerical)
Police Stenographer (gov. ser.)
Public Stenographer (clerical)
Technical Stenographer (clerical)
STENOGRAPHER, PRINT SHOP (print. & pub.)
STENOTYPE OPERATOR (clerical)
stenotype-machine operator
steno-typist

203. **Typists**
This group includes occupations concerned with recording data by means of a typewriter.

203.138 TELEGRAPHIC-TYPEWRITER OPERATOR, CHIEF (clerical)
TYPING SECTION CHIEF (clerical)
203.582 VARI-TYPIST (clerical)
203.588 TELEGRAPHIC-TYPEWRITER OPERATOR (clerical)
telegraph operator, automatic
Multiplex-Machine Operator (tel. & tel.)
Teletype Operator (clerical)
TWX Operator (clerical)
TYPIST (clerical)
Address-Change Clerk (insurance)
Application-Register Clerk (insurance)
Endorsement Clerk (insurance)
Filing Writer (insurance)
Master-Sheet Clerk (insurance)
Mortgage-Papers-Assignment-and-Assembly Clerk (insurance)
Policy Writer (insurance)
Record Clerk (hotel & rest.)
Statistical Typist (clerical)
Stencil Cutter (clerical)
Tabular Typist (clerical)
Ticketing Clerk (banking)
Title Clerk, Automobile (clerical)
PERFORATOR TYPIST (clerical)
Hooven-perforating-machine operator
WIRES-TRANSFER CLERK (banking)

204. **Correspondence Clerks**
This group includes occupations concerned with composing correspondence and related items for the purpose of obtaining or giving information.

204.268 POLICYHOLDERS'-INFORMATION CLERK (insurance)
correspondent
customer-service clerk
204.288 CORRESPONDENCE CLERK (clerical)
correspondent
Claim Clerk (clerical)
Credit Man (clerical)
Fan-Mail Clerk (amuse. & rec.)
Sales-Correspondence Clerk (clerical)
204.388 CORRESPONDENCE-REVIEW CLERK (clerical)
SALES CORRESPONDENT (any ind.)

205. **Personnel Clerks**
This group includes occupations concerned with assisting job seekers to fill out employment application forms; supplying information regarding company hiring policies or requirements; investigating applicant's work history to determine suitability for employment; and compiling and keeping current employment records, such as recruitment, training, promotion, attendance, retirement, and discharge of employees.

205.138 PERSONNEL CLERK SUPERVISOR (clerical)
SUPERVISOR, FORCE ADJUSTMENT (tel. & tel.)
205.168 TRAVEL CLERK (gov. ser.)
205.288 AGENT-CONTRACT CLERK (insurance)
contract administrator
205.368 ADMISSIONS EVALUATOR (education)
administrative assistant
degree clerk
EMPLOYMENT CLERK (clerical)
interviewer
reception interviewer
INVESTIGATOR (any ind.) I
agent
personnel investigator
reference investigator
PERSONNEL CLERK (clerical)
personnel-records clerk
Accident-Report Clerk (clerical)
IDENTIFICATION CLERK (clerical)
security clerk
SOCIAL SECURITY CLERK (clerical)
SUPERVISOR, CONTINGENTS (ret. tr.)
205.388 CIVIL-SERVICE CLERK (gov. ser.)
appointment clerk

206. **File Clerks**
This group includes occupations concerned with classifying, sorting, and filing correspondence, records, and other data.

206.388 CUT MAN (print. & pub.)
cut-file clerk
FILE CLERK (clerical) I
Addressograph-Plate-File Clerk (clerical)
Change-Of-Address Clerk (clerical)
File Clerk, Correspondence (clerical)
File Clerk, Drawing (clerical)
File Clerk, Soundex System (clerical)
File Clerk, Stencils (clerical)
Subscription Clerk (clerical)
206.388 RECORD CLERK (clerical) II
Con. FILE CLERK (clerical) II
File Clerk, Film (clerical)
File Clerk, Geological Records (petrol. production)
File Clerk, Maps (clerical)
File Clerk, Medical Records (clerical)
Paint-Sample Clerk (paint & varn.)
CLASSIFICATION CLERK (clerical)
coding file clerk
LIBRARIAN (p.int. & pub.)
librarian, clerical
morgue keeper
FINGERPRINT CLERK (gov. ser.) II
RECORDS CUSTODIAN (banking)
206.588 BRAND RECORDER (gov. ser.)

207. **Duplicating-Machine Operators**
This group includes occupations concerned with making copies of data by means of machines. Machines frequently used are Dual-Lith, Multilith, Masterlith, Mimeograph, Dupligraph, Multigraph, Compotype, Graphotype, and Xerox. Includes duplicating braille printed pages on chemically treated plastic paper.

207.138 CHIEF CLERK, PRINT SHOP (clerical)
207.582 BRAILLE-DUPLICATING-MACHINE OPERATOR (clerical)
207.782 DUPLICATING-MACHINE OPERATOR (clerical) II
Compotype Operator (clerical)
Davidson Feeder (clerical)
Dupligraph Operator (clerical)
Multigraph Operator (clerical)
DUPLICATING-MACHINE OPERATOR (clerical) III
Ditto-Machine Operator (clerical)
COPY OPERATOR (r.r. trans.)
sidetable man
MIMEOGRAPH OPERATOR (clerical)
OFFSET-DUPLICATING-MACHINE OPERATOR (clerical)
Dittolith Operator (clerical)
Dual-Lith Operator (clerical)
Masterlith Operator (clerical)
Multilith Operator (clerical)
TYPEWRITER OPERATOR, AUTOMATIC (clerical)
Hooven-Typewriter Operator (clerical)
207.884 DUPLICATING-MACHINE OPERATOR (clerical) I
207.885 DUPLICATING-MACHINE OPERATOR (clerical) IV
Thermofax Operator (clerical)
Xerox-Machine Operator (clerical)
PHOTOGRAPHIC-MACHINE OPERATOR (clerical)
microphotographer
Dexigraph Operator (clerical)
Recordak Operator (clerical)
STENCIL-CUTTER OPERATOR (clerical)

208. **Miscellaneous Office Machine Operators**
This group includes occupations, not elsewhere classified, concerned with recording data by machine.

208.138 TRANSCRIBING OPERATOR, HEAD (clerical)
208.588 BRAILLE-MACHINE OPERATOR (print. & pub.)
braille operator
CRYPTOPGRAHIC-MACHINE OPERATOR (clerical)
code clerk
cryptographic technician
PHOTOCOMPOSING-MACHINE PERFORATOR OPERATOR (print. & pub.)
TELAUTOGRAPH OPERATOR (clerical)

208.588 Con.
TRANSCRIBING-MACHINE OPERATOR (clerical)
dictating-machine transcriber
dictating-machine typist
Audograph Operator (clerical)
Dictaphone Operator (clerical)
Ediphone Operator (clerical)
Soundscriber Operator (clerical)
Stenocord Operator (clerical)
TYPESETTER-PERFORATOR OPERATOR (print. & pub.)
perforator
perforator operator
208.782 EMBOSSING-MACHINE OPERATOR (clerical) I
plate embosser
name-plate-stamping-machine operator
Graphotype Operator (clerical)
EMBOSSING-MACHINE OPERATOR (clerical) II
embosser operator
plate embosser
TICKET-MACHINE OPERATOR (clerical)
208.885 COLLATOR OPERATOR (clerical)
MICROFILM MOUNTER (any ind.)

209. Stenography, Typing, Filing, and Related Occupations, n.e.c.

This group includes occupations, not elsewhere classified, concerned with making, classifying, and filing records.

209.138 COORDINATOR, LETTER CAMPAIGN (drug. prep. & rel. prod.)
STENOGRAPHIC-POOL SUPERVISOR (clerical)
TECHNICAL COORDINATOR (gov. ser.)
209.368 CALL-OUT OPERATOR (bus. ser.; ret. tr.)
EVALUATOR (clerical)
IN-FILE OPERATOR (bus. ser.)
209.382 JUSTOWRITER OPERATOR (bus. ser.)
209.388 CANCELLATION CLERK (insurance)
memorandum-statement clerk
policy-cancellation clerk
premium-cancellation clerk
premium-card-cancellation clerk
CLASSIFIED-AD CLERK (print. & pub.)
clerk, classified
CLERK-TYPIST (clerical)
CONTINUITY CLERK (motion pic.)
MORTGAGE CLERK (banking)
Escrow Clerk (clerical)
Foreclosure Clerk (clerical)
Hazard-Insurance Clerk (insurance)
Release Clerk (clerical)
Tax clerk (clerical) II
MORTGAGE PROCESSING CLERK (clerical)
READER (bus. ser.)
clipping marker
press reader
press-service reader
REFERENCE CLERK (ret. tr.)
SPECIAL-CERTIFICATE DICTATOR (insurance)
settlement technician
STATEMENT CLERK (banking)
TITLE SEARCHER (real estate)
chainman
209.488 CIRCULATION CLERK (print. & pub.)
subscription clerk
City-Distribution Clerk (print. & pub.)
COUPON CLERK (banking)
INVOICE-CONTROL CLERK (clerical)
purchase-order checker
209.584 MORTICER (clerical)
209.587 SAMPLEMAN, PAPER (paper & pulp; paper goods)
laboratory assistant
209.588 ADDRESSER (clerical)
addressing clerk
envelope addresser
CAR CHECKER (clerical)
freight-car checker
railroad-car checker
tank-car checker
CLERK, GENERAL (clerical)
office clerk, routine
CONTACT CLERK (light, heat, & power)
CLERK-TYPIST (clerical)
C.O.D. Biller (clerical)
Collection-Card Clerk (clerical)
Guest-History Clerk (hotel & rest.)
Motor-Pool Clerk (clerical)
Order Clerk (light, heat, & power) I

209.588 Con.
Remittance-Account Clerk (banking)
Remittance Clerk (banking)
Report Clerk (insurance)
Security-Index Clerk (banking)
Storage-Receipt Poster (clerical)
Trust Remittance Clerk (banking)
Waybill Clerk (clerical)
BORDEREAU CLERK (insurance)
COPY HOLDER (clerical)
CREDIT CARD CLERK (ret. tr.)
CUSTOMER-CONTROL CLERK (clerical)
HISTORY-CARD CLERK (light, heat, & power)
meter-record clerk
order clerk
LIBRARY CLERK, TALKING BOOKS (library)
MARKER (ret. tr.; whole. tr.)
marking clerk
merchandise marker
price marker
ticket marker
PRICE CLERK (clerical)
price-index clerk
pricer
RETURN-TO-FACTORY CLERK (clerical)
returns clerk
ROUTING CLERK (banking)
TRANSLATOR, BRAILLE (print. & pub.)
braille coder
braille transcriber
209.687 ADDRESS-PLATE INSERTER (clerical)
plate inserter
stencil inserter
SLIP PULLER (bus. ser.)
209.688 BRAILLE PROOFREADER (print. & pub.)
CHECKER (clerical) II
check clerk
data clerk
proofreader
report checker
Billing Checker (clerical)
Entry Examiner (clerical)
Installment-Account Checker (clerical)
Price Checker (clerical)
Printed-Forms Proofreader (clerical)
Typing Checker (clerical)
CHECKING CLERK (banking)
Asset-Card Clerk (banking)
Coupon-Manifest Clerk (banking)
Outlaw-Loan-Record Clerk (banking)
DISPLAY-DESK CLERK (print. & pub.)
advertising-order clerk
METAL-RELEASE MAN (nonfer. metal alloys)
ORDER CALLER (clerical)
caller
call-out clerk
order-desk man
YARDAGE CALLER (textile)
broad-cloth caller
lot closer
PROOFREADER (print. & pub.) I
REVIEWER (insurance)
final-application reviewer
new-business clerk
SORTER (clerical)
Bill Sorter (clerical)
Sales-Slip Sorter (clerical)
WEIGHT CALLER (clerical)

21 COMPUTING AND ACCOUNT-RECORDING OCCUPATIONS

This division includes occupations concerned with systematizing information about transactions and activities into accounts and quantitative records, and paying and receiving money.

210. Bookkeepers

This group includes occupations concerned with computing, classifying, and recording numerical data to keep sets of financial records complete. Occupations concerned primarily with bookkeeping machines, computing machines, and account-recording machines are included in Groups 215, 216, and 217 respectively.

210.368 ACCOUNT-INFORMATION CLERK (light, heat, & power)
INSURANCE CLERK (medical ser.)
210.388 AUDIT CLERK (clerical)
Cash-Sales-Audit Clerk (clerical)
Charge-Accounts-Audit (clerical)
C.O.D. Audit Clerk (clerical)

210.388 Con.
Commission Auditor (insurance)
Expense Clerk (clerical) II
Federal-Housing-Administration-Loan Auditor (insurance)
Inventory-Audit Clerk (clerical)
Journal-Entry-Audit Clerk (clerical)
Remittance-on-Farm-Rental-and-Soil-Conservation Auditor (insurance)
DISTRIBUTION ACCOUNTING CLERK (light, heat, & power)
RECONCILEMENT CLERK (banking)
BILLING CONTROL CLERK (light, heat, & power)
BOOKKEEPER (clerical) I
full-charge bookkeeper
general bookkeeper
GENERAL-LEDGER BOOKKEEPER (clerical)
NIGHT AUDITOR (hotel & rest.)
night-clerk auditor
BOOKKEEPER (clerical) II
Accounts-Payable Bookkeeper (clerical)
Accounts-Receivable Bookkeeper (clerical)
Christmas-Club Bookkeeper (banking)
Circulation Bookkeeper (print. & pub.)
Classified-Advertising Bookkeeper (print. & pub.)
Discount Bookkeeper (banking)
Interest-Accrual Bookkeeper (banking)
Investment-Bonds Bookkeeper (banking)
Safe-Deposit-Box Bookkeeper (banking)
Savings Bookkeeper (banking)
Trust Bookkeeper (banking)
ACCOUNT-CLASSIFICATION CLERK (clerical)
CLASSIFICATION-CONTROL CLERK (clerical)
Invoice-Classification Clerk (clerical)
COMMODITY-LOAN CLERK (banking)
FIXED-CAPITAL CLERK (light, heat, & power)
MEDICAL-VOUCHER CLERK (insurance)
examiner-rating clerk
medical-free clerk
MORTGAGE-LOAN-COMPUTATION CLERK (insurance)
210.488 CHART CALCULATOR (light, heat, & power)
DIVIDEND-DEPOSIT-VOUCHER QUOTER (insurance)
dividend-deposit-entry clerk
210.588 INSURANCE CLERK (clerical) II
group-insurance-auditing clerk

211. Cashiers

This group includes occupations concerned with receiving and disbursing money in establishments other than banks. Most occupations involve use of adding machines, cash registers, and change makers. Occupations concerned with receiving and disbursing money in banks are included in Group 212.

211.138 MONEY-ROOM MAN, HEAD (amuse. & rec.)
SUPERVISOR, CASHIERS (light, heat, & power)
211.368 CASHIER (clerical) I
cageman
cash-accounting clerk
cash clerk
cash girl
cashier, general
cashier, office
Agency Cashier (insurance)
Cashier, Front Office (hotel & rest.)
Circulation Cashier (print. & pub.)
Disbursement Clerk (clerical)
Hotel Cashier, General (hotel & rest.)
211.468 CASHIER (clerical) II
cageman
cash clerk
cash girl
cashier, general
cashier, office
ticket clerk
Cafeteria Cashier (hotel & rest.)
Cashier, Credit (clerical)
Cashier, Payments Received (clerical)
Dining-Room Cashier (hotel & rest.)
Floor Cashier (clerical)
Store Cashier (clerical)
Tube-Room Cashier (ret. tr.)

211.468 Con. DESK CLERK (per. ser.)
cage clerk
deskman
guest clerk
locker-room clerk
DRIVERS'-CASH CLERK (motor trans.)
TOLL COLLECTOR (gov. ser.)
Toll-Bridge Attendant (gov. ser.)
Turnstile Collector (water trans.)
Vehicle-Fare Collector (water trans.)
CASHIER, COURTESY BOOTH (ret. tr.)
CASHIER, GAMBLING (amuse. & rec.)
Bet Taker (amuse. & rec.)
CASHIER, CURRENCY EXCHANGE (bus. ser.)
check cashier
CASHIER-WRAPPER (ret. tr.)
CHANGE-BOOTH MAN (amuse. & rec.)
cashier, change booth
PARIMUTUEL-TICKET CASHIER (amuse. & rec.)
mutuel cashier
parimutuel cashier
PARIMUTUEL-TICKET SELLER (amuse. & rec.)
mutuel clerk
parimutuel clerk
SHEET WRITER (amuse. & rec.) I
STATION AGENT (r.r. trans.) II
ticket agent
TELLER (light, heat, & power)
TICKET SELLER (clerical)
cashier, ticket selling
Cashier, Box Office (amuse. & rec.)
Second-Ride-Fare Collector (amuse. & rec.)

211.488 MONEY COUNTER (amuse. & rec.)
money-room man
MONEY COUNTER (ret. tr.; whole. tr.)

212. Tellers

This group includes occupations concerned with disbursing and receiving money in a bank and recording transactions.

212.138 TELLER, HEAD (banking)
Teller, Collection and Exchange, Head (banking)
Teller, Foreign Exchange, Head (banking)
Teller, Note, Head (banking)
Teller, Paying and Receiving, Head (banking)
Teller, Savings, Head (banking)

212.368 TELLER (banking)
general teller
Teller, Mail Credit (banking)
Teller, Paying and Receiving (banking)
Teller, Pay Roll (banking)
Teller, Return Items (banking)
Teller, Savings (banking)
Teller, Special Deposits (banking)
TELLER, COLLECTION AND EXCHANGE (banking)
Teller, Bond (banking)
Teller, Contract Collections (banking)
Teller, Domestic Exchange (banking)
Teller, Foreign Exchange (banking)
TELLER, NOTE (banking)
Teller, Collateral (banking)
Teller, Commercial Note (banking)
Teller, Discount (banking)
Teller, Real Estate Loan (banking)

213. Automatic Data-Processing-Equipment Operators

This group includes occupations concerned with electronic and electromechanical machines that record, store, process, and transcribe data from punchcards, paper tape, magnetic tape, or other sources; solve mathematical, engineering, or technical problems; keep records; or supply information. Includes machines that transcribe data to or from punchcards or tape for use in automatic data-processing equipment.

213.138 SUPERVISOR, COMPUTER OPERATIONS (clerical)
chief console operator
senior console operator
supervisor, data processing
supervisor, electronics-data processing

213.138 Con. SUPERVISOR, MACHINE-RECORDS UNIT (clerical)
supervisor, machine-tabulating unit
tabulating supervisor
IBM Supervisor (clerical)

213.382 CARD-TAPE-CONVERTER OPERATOR (clerical)
Card-To-Tape-Converter Operator (clerical)
Tape-To-Card-Converter Operator (clerical)
COMPUTER-PERIPHERAL-EQUIPMENT OPERATOR (clerical)
assistant console operator
tape handler
DIGITAL-COMPUTER OPERATOR (clerical)
computer operator
console operator
HIGH-SPEED-PRINTER OPERATOR (clerical)
off-line printer operator

213.582 KEY-PUNCH OPERATOR (clerical)
card-punch operator
printing-card-punch operator
printing-punch operator
Key-Punch Operator Numeric (clerical)

213.588 DATA TYPIST (clerical)
Unitypist (clerical)
VERIFIER OPERATOR (clerical)

213.782 TABULATING-MACHINE OPERATOR (clerical)
tabulating-equipment operator
tabulator operator

213.885 SORTING-MACHINE OPERATOR (clerical)
card-sorting-machine operator
sorter-machine operator

214. Billing Machine Operators

This group includes occupations concerned with operating billing machines with or without computing devices to keep accounts and prepare statements, bills, and invoices.

214.488 BILLING-MACHINE OPERATOR (clerical)
bill clerk
biller
billing clerk
invoicing-machine operator
Delinquent-Notice Machine Operator (clerical)

215. Bookkeeping-Machine Operators

This group includes occupations concerned with operating bookkeeping machines to copy and post data, make computations, and/or compile records of transactions.

215.388 BOOKKEEPING-MACHINE OPERATOR (clerical) I
account clerk
bookkeeper, machine
posting-machine operator
recording clerk
BOOKKEEPING-MACHINE OPERATOR (clerical) II
account clerk
bookkeeper, machine
posting-machine operator
recording clerk
Bookkeeping-Machine Operator, Accounts Payable (clerical)
Bookkeeping-Machine Operator, Accounts Receivable (clerical)

215.488 PAY-ROLL CLERK (clerical)
Bonus Clerk (clerical)
Commission Clerk (clerical)
Piecework Time-Clerk (clerical)

216. Computing-Machine Operators

This group includes occupations concerned with operating adding or calculating machines to perform arithmetic operations. Occupations concerned with computing by automatic-data-processing equipment are included in Group 213.

216.388 BALANCE CLERK (clerical)
balancing clerk
Accounts-Receivable-Balancing Clerk (clerical)
BANK-RECONCILIATION CLERK (clerical)
treasurer-checker clerk

216.488 ADDING-MACHINE OPERATOR (clerical)
Batch Clerk (banking)
Out-Clearing Clerk (banking)
AUDIT-MACHINE OPERATOR (clerical)

216.488 Con. CALCULATING-MACHINE OPERATOR (clerical)
calculator operator
Comptometer Operator (clerical)
Extension Clerk (clerical)
Formula Figurer (paint & varn.)
Pay-Roll-Machine Operator (clerical)
Premium-Note-Interest-Calculator Clerk (insurance)
Toll-Adding Clerk (tel. & tel.)
Weight Calculator (ship & boat bldg. & rep.)
POLICY-VALUE CALCULATOR (insurance)
Cash-Surrender Calculator (insurance)
Extended Insurance Clerk (insurance)
Policy Loan Calculator (insurance)
TESTER, RECORDING AND CHECKING (non-fer. metal alloys)
FOOD CHECKER (hotel & rest.) I
FOOD CHECKER (hotel & rest.) II
caller
Beverage Checker (hotel & rest.)
FOOD CONTROLLER (hotel & rest.)
control clerk
food auditor
restaurant-food-control clerk
Food-and-Beverage-Control Clerk (hotel & rest.)
Liquor Controller (hotel & rest.)
INTERLINE CLERK (r.r. trans.)

216.588 FOOD TABULATOR, CAFETERIA (hotel & rest.)
food checker, cafeteria
multi-counter operator
INTEGRATOR OPERATOR (clerical)

217. Account-Recording-Machine Operators, n.e.c.

This group includes occupations, not elsewhere classified, concerned with operating machines to keep quantitative records and accounts.

217.388 PROOF-MACHINE OPERATOR (banking)
proof clerk
proof operator
Burroughs Proof-Machine Operator (banking)
IBM Proof-Machine Operator (banking)
NCR Proof-Machine Operator (banking)
TRANSIT CLERK (banking)
Transit Control Clerk (banking)
Transit Draft Clerk (banking)
Transit Endorsement Clerk (banking)
Transit Lister (banking)

217.885 BURSTING-MACHINE OPERATOR (clerical)

219. Computing and Account-Recording Occupations, n.e.c.

This group includes occupations, not elsewhere classified, concerned with systematizing information about transactions and activities into accounts and quantitative records, and paying and receiving money.

219.138 COST-AND-SALES RECORD SUPERVISOR (light, heat, & power)
CREW SCHEDULER, CHIEF (air trans.)
FIELD CASHIER (const.)
MANAGER, STATEMENT CLERKS (banking)
PAY-ROLL CLERK, CHIEF (clerical)
rating clerk, chief
STATISTICIAN, ELECTRIC POWER (light, heat, & power)
SUPERINTENDENT, PAY-ROLL DIVISION (light, heat, & power)
SUPERVISOR, ACCOUNTS RECEIVABLE (light, heat, & power)
TIMEKEEPER, CHIEF (clerical)

219.368 BROKERAGE CLERK (finan. inst.) II
FLOORMAN (motor trans.)

219.388 ACCOUNT ANALYST (banking)
ACTUARIAL CLERK (insurance)
statistical clerk
AIRCRAFT-LOG CLERK (air trans.)
aircraft-inspection-record clerk
aircraft-time clerk
BILLING CLERK (clerical) II
bill-preparation clerk
charge clerk
Bill-of-Lading Clerk (clerical)
Invoice Clerk (clerical)
Mail-Order Biller (ret. tr.; whole. tr.)
Toll Billing Clerk (tel. & tel.)

219.388 Con.
BOND CLERK (banking)
Coupon-Ticketing Clerk (banking)
Settlement Clerk (banking)
Investment-Bond Clerk (banking)
Savings-Bond Clerk (banking)
ADVICE CLERK (banking)
COUPON-COLLECTION CLERK (banking)
BOX-ESTIMATOR, PAPERBOARD PRODUCTS (paper goods)
Corrugated-Box Estimator (paper goods)
Folding-Carton Estimator (paper goods)
Set-Up Box Estimator (paper goods)
BUDGET CLERK (clerical)
budget-record clerk
budget-report clerk
Expenditure-Requisition Clerk (light, heat, & power)
Fiscal Clerk (gov. ser.)
CHECKER (amuse. & rec.)
spotter
CITY-COLLECTION CLERK (banking)
CLEARING-HOUSE CLERK (banking)
clearing-distribution clerk
CLERK, CABLE TRANSFER (tel. & tel.)
CLERK, GENERAL OFFICE (clerical)
administrative clerk
Airport Clerk (air trans.)
Auction Clerk (clerical)
Camp Clerk (clerical)
Colliery Clerk (mining & quarrying)
Company Hospital Clerk (clerical)
Death-Claim Clerk (insurance)
Field Clerk (clerical)
Repair-Shop Clerk (clerical)
Sales-Tax Clerk (clerical)
Shop Clerk (clerical) I
CONTRACT CLERK, AUTOMOBILE (ret. tr.)
DISTRICT CLERK (clerical)
MANIFEST CLERK (water trans.)
SETTLEMENT CLERK (ore dress., smelt., & refin.)
TAX CLERK (clerical) I
revenue-stamp clerk
WARD CLERK (medical ser.)
floor clerk
CLERK, TELEGRAPH SERVICE (tel. & tel.)
clerk, personal service bureau
clerk, private wire-billing and control
C.O.D. CLERK (clerical)
cash-on-delivery clerk
collect-on-delivery clerk
CODING CLERK (clerical)
Coding Clerk, Univac (clerical)
IBM Coder (clerical)
COLLATERAL-AND-SAFEKEEPING CLERK (banking)
collateral clerk
CONTROL CLERK, AUDITING (insurance)
CONTROL CLERK, DATA PROCESSING (clerical) I
COUNTRY-COLLECTION CLERK (banking)
CREW SCHEDULER (air trans.)
DEMURRAGE CLERK (r.r. trans.)
car-record clerk
ESTIMATOR (print. & pub.)
book-publication manufacturing man
EXCHANGE CLERK (banking)
FILM-RENTAL CLERK (ret. tr.)
audiovisual librarian
film booker
film librarian
FOREIGN-COLLECTION CLERK (banking)
INSURANCE CLERK (clerical) I
INSURANCE CLERK (banking) I
INSURANCE CLERK (banking) II
INTEREST CLERK (banking)
payment clerk, contracts
LETTER-OF-CREDIT CLERK (banking)
LOAD-CONTROL AGENT (air trans.)
load planner
MAIN-EXTENSION CLERK (light, heat, & power)
MARGIN CLERK (banking)
MARGIN CLERK (finan. inst.)

219.388 Con.
MEDIA CLERK (bus. ser.)
MORTGAGE-ACCOUNTING CLERK (clerical)
amortization-schedule clerk
PAPER-CONTROL CLERK (water trans.)
PAYMASTER (clerical)
pay-roll master
PLANIMETER OPERATOR (gov. ser.)
CHART CLERK (petrol. refin.)
yield clerk
POLICY-CHANGE CLERK (insurance)
adjustment clerk
alteration clerk
card-record-adjusting clerk
change-entry clerk
policy-change analyst
policy changer
policy-change specialist
title and beneficiary clerk
PROBATE CLERK (banking)
PROGRAMER, DETAIL (clerical)
junior programer
program coder
RATE CLERK, FREIGHT (motor trans.)
RATER (insurance)
policy rater
rate inserter
rating clerk
RATE REVIEWER (light, heat, & power)
REAL-ESTATE CLERK (clerical)
RESERVES CLERK (banking)
RETURNED-ITEM CLERK (banking)
REVIVAL CLERK (insurance)
reinstatement clerk
SALES DEVELOPMENT CLERK (tel. & tel.)
SERVICES CLERK (water trans.)
SORTING CLERK (banking)
STATISTICAL CLERK (clerical)
record clerk
report clerk
tabulating clerk
Census Clerk (gov. ser.)
Mileage Clerk (r.r. trans.)
Production-Statistical Clerk (clerical)
Sales-Record Clerk (clerical) II
Steam-Plant Records Clerk (light, heat, & power)
Time-Analysis Clerk (clerical)
Traffic Enumerator (clerical)
STATISTICAL CLERK, ADVERTISING (ret. tr.)
advertising clerk
TIMEKEEPER (clerical)
check-in man
checkman
time clerk
Spotter (any ind.) I
Time Checker (clerical)
Work Checker (clerical)
DISPATCHER CLERK (r.r. trans.)
FLIGHT-CREW-TIME CLERK (air trans.)
TRAFFIC-RATE CLERK (clerical)
freight-rate clerk
rate clerk
Tariff Clerk (r.r. trans.)
REVISING CLERK (motor trans.; r.r. trans.)
TRUST-VAULT CLERK (banking)
securities auditor
vault custodian
WORKSHEET CLERK (insurance)
abstractor
backer
coder

219.485 CURRENCY SORTER (banking)
currency-machine operator

219.487 MEASURER (agric.)

219.488 ACCOUNTING CLERK (clerical)
Abstract-Examination Clerk (insurance)
Account Checker (clerical)
Accounting Clerk, Pay-Roll (banking)
Accounting Clerk, Trust (banking)
Accounts-Payable Clerk (clerical)
Accounts-Receivable Clerk (clerical)
Advance-Payment Clerk (clerical)
Bill Recapitulation Clerk (light, heat, & power)
Cash-Posting Clerk (clerical)
City-Cash-Collection Clerk (banking)

219.488 Con.
Rent and Miscellaneous Remittance Clerk (insurance)
Tax-Record Clerk (light, heat, & power)
Ticket-Rebate Clerk (motor trans.; r.r. trans.)
ADDITIONS AND BETTERMENTS CLERK (r.r. trans.)
specialty clerk
VOUCHER CLERK (r.r. trans.)
claims clerk
ADVERTISING-SPACE MEASURER (clerical)
BOOKING PRIZER (tobacco)
BROKERAGE CLERK (finan. inst.) I
COLLECTION-SHEET CLERK (motor trans.)
COST CLERK (clerical)
cost-accounting clerk
expense clerk
Auto-Cost-Record Clerk (clerical)
Cost-Estimating Clerk (light, heat, & power)
Labor-Classification Clerk (clerical)
Operating-Cost Clerk (clerical)
Sales-Distribution Clerk (hotel & rest.)
DEPOSIT REFUND CLERK (light, heat, & power)
FABRIC-AND-ACCESSORIES ESTIMATOR (garment)
FOREIGN CLERK (clerical)
Export Clerk (clerical)
Import Clerk (clerical)
GRADING CLERK (education)
grade recorder
test clerk
INSURANCE CHECKER (insurance)
Abstract Checker (insurance)
Policy Checker (insurance)
RATE CLERK (motor trans.)
REINSURANCE CLERK (insurance)
TOLL-RATING CLERK (tel. & tel.)

219.585 COIN-MACHINE OPERATOR (clerical)
coin wrapper

219.588 COIN-MACHINE OPERATOR (banking)
Coin Counter (banking)
Coin Separator (banking)
Coin Wrapper (banking)
POSTING CLERK (clerical)
entry clerk
poster
transcribing clerk
Bank-Ledger Clerk (insurance)
Branch-Agencies-Orders Clerk (motor trans.)
Cash-Journal Clerk (clerical)
Construction-Ledger Clerk (light, heat, & power)
Journal Clerk (clerical)
Order-Ledger Clerk (clerical)
Posting Clerk, Stock Record (clerical)
Posting-Machine Operator (clerical) I
Real-Estate-Expense-Posting Clerk (insurance)
Revolving-Fund Clerk (insurance)
Sales-Entry Clerk (clerical)
Sales-Distribution Clerk (clerical)
Trust Investment Clerk (banking)
BOOKMAN (whole. tr.)
clipman
pick-up man
CHARGE-REFER CLERK (clerical)
DATA-CHANGE CLERK (insurance)
ERROR-LEDGER CLERK (clerical)
KARDEX CLERK (clerical)
METER-ORDER CLERK (light, heat, & power)
route-book clerk
REMITTANCE CLERK (insurance)
SUSPENSE CLERK (light, heat, & power)
SUSPENSE-RETIREMENT-CLEARANCE-LEDGER CLERK (light, heat, & power)
TELEGRAPH-SERVICE RATER (tel. & tel.)
clerk, rating
rate marker

219.688 CONTROL CLERK, DATA PROCESSING (clerical) II
TALLYMAN, FISH (gov. ser.)
counter, fish

22 **MATERIAL AND PRODUCTION RECORDING OCCUPATIONS**

This division includes occupations concerned with receiving, storing, issuing, shipping, requisitioning, and accounting for stores of material or material in use. Includes assigning locations and space to items, verifying quantity, identification, condition, and value; the physical handling of items, including binning, picking, stacking, and counting; preparing or committing stocks for shipment; inventorying stock; replenishing depleted items; filling orders, issuing tools, equipment, or material to workers. Occupations concerned primarily with loading and moving goods are included in Group 922.

221. **Production Clerks**

This group includes occupations concerned with routing parts for fabricating operations or repairs; scheduling work for and delivering parts to avoid overproduction; compiling records and reports on number and types of units produced; and scheduling shipment of parts.

221.138 CONTROL CLERK, HEAD (clock & watch)
YIELDS SUPERVISOR (clerical)
221.168 MATERIAL COORDINATOR (any ind.)
coordinator
dispatcher
expediter
material checker
material man
stock chaser
Tandem-Mill Stocker (nonfer. metal alloys)
METAL-FLOW COORDINATOR (nonfer. metal alloys)
materials-handling coordinator
PRODUCTION CLERK, PAPERBOARD PRODUCTS (paper goods)
production expediter
PRODUCTION COORDINATOR (clerical)
follow-up man
lot chaser
production allocator
production assistant, follow-up
production clerk
progress clerk
SPARES SCHEDULER (clerical)
production scheduler
TOWER-CONTROL MAN (auto. ser.)
automobile-repair control operator
control-tower operator
work coordinator
221.368 LINE-UP MAN (auto. mfg.) I
221.387 BACK-SHOE GIRL (boot & shoe)
back-heel girl
COMPLAINT CLERK (boot & shoe)
repair clerk
returns clerk
CONTROL CLERK (clock & watch)
production-control clerk
Control Clerk, Dial (clock & watch)
Control Clerk, Escapement (clock & watch)
Control Clerk, Hairspring (clock & watch)
Control Clerk, Repairs (clock & watch)
Control Clerk, Subassembly (clock & watch)
Control Clerk, Training and Mechanism (clock & watch)
221.388 CHART CLERK (clerical)
EXPEDITER CLERK (optical goods)
FLOOR CLERK (laund.)
GAS-PLANT CLERK (light, heat, & power)
B.t.u. man, gas plant
INDUSTRIAL-ORDER BREAK-DOWN CLERK (any ind.)
MANUFACTURING-ORDER CLERK (inst. & app.)
MILL RECORDER (nonfer. metal alloys)
Cold-Mill Recorder (nonfer. metal alloys)
Tandem-Mill Recorder (nonfer. metal alloys)
ORDER DETAILER (clerical)
biller
job-order clerk
order-write-up man
planner

221.388 Con.
planning clerk
requisition checker
ticket maker
work-order clerk
work-order detailer
work-order writer
FORMULA CHECKER (textile)
PROVIDER (iron & steel)
recorder
OVERHAUL PLANNER (aircraft mfg.)
PRODUCTION CLERK (clerical) II
individual-production clerk
material-order clerk
process-accounting clerk
production checker
production controller
schedule clerk
scheduling supervisor
shop checker
Grey-Stock Recorder (hosiery)
Hose Collector (hosiery)
Sardine Checker (can. & preserv.)
Smoke Meat Processing Clerk (slaught. & meat pack.)
Stocking Counter (hosiery)
PRODUCTION ASSISTANT (explosives)
RECORDER (iron & steel) I
Blooming-Mill Recorder (iron & steel)
Open-Hearth-Pit Recorder (iron & steel)
Oxygen-Furnace-Pit Recorder (iron & steel)
Slabbing-Mill Recorder (iron & steel)
Soaking-Pit Recorder (iron & steel)
Structural-Mill Recorder (iron & steel)
TRAFFIC MAN (bus. ser.)
WEIGHT-AND-TEST-BAR CLERK (found.)
melter clerk
WORK-ORDER CLERK (clerical) II
job-order clerk
work-order register clerk
221.484 YARDAGE ESTIMATOR (garment)
221.588 CHECKER-IN (boot & shoe)
FREQUENCY CHECKER (glass mfg.; synthetic fibers; textile)
end counter
frame-spinning observer
Ends-Down Checker (textile)
Loom-Stop Checker (textile)
JACKET PREPARER (print. & pub.)
JOB TRACER (clerical)
expediter
job checker
job spotter
progress clerk
shop checker
SCHEDULE CLERK (print. & pub.)
schedule-desk man
TICKET SCHEDULER (boot & shoe)
221.887 WORK GUIDER (knit goods)
guider
knitting guider
knitting-order man

222. **Shipping and Receiving Clerks**

This group includes occupations concerned with assembling, packing, addressing, stamping, loading, and shipping merchandise or material, or receiving, unpacking, verifying, and recording incoming merchandise or materials. Occupations primarily concerned with storing, distributing, issuing, inventorying, and requisitioning stock are included in Group 223.

222.138 BOXING-AND-PRESSING FOREMAN (knit goods)
FOREMAN, SHIPPING (bake. prod.)
NAVY-ORDER-DEPARTMENT SUPERVISOR (clerical)
RATE SUPERVISOR (clerical)
SHIPPING CLERK (clerical) I
loader foreman
shipper
shipping-house man
shipping supervisor
traffic clerk
VAULT CASHIER (bus. ser.)
vault supervisor
job spotter

222.368 BOOKING CLERK (water trans.)
Container-Cargo Clerk (water trans.)
General-Cargo Clerk (water trans.)
Refrigerated-Cargo Clerk (water trans.)
EXPEDITER (clerical) I
follow-up man
TRACER (motor trans.; r.r. trans.)
222.387 GUN-REPAIR CLERK (firearms)
package opener
RECEIVING CLERK (clerical)
entry clerk
inward-freight clerk
platform clerk
platform man
receiver
receiving man
receiving-room clerk
receiving-room operator
FREIGHT-RECEIVING CLERK (r.r. trans.)
freight-house clerk
RETURNED-GOODS RECEIVING-CLERK (clerical)
returned-goods checker
returned-goods unpacker
Returned-Hose Checker (hosiery)
SHIPPING AND RECEIVING CLERK (clerical)
SHIPPING CHECKER (aircraft mfg.)
aircraft-delivery checker
222.388 CONTAINER COORDINATOR (water trans.)
INCOMING-FREIGHT CLERK (water trans.)
storage-wharfage clerk
MONEY CLERK, CHIEF (r.r. trans.)
money-department foreman
222.478 RETAIL-RECEIVING CLERK (clean., dye., & press.; laund.)
branch-store clerk
222.488 MANIFEST CLERK (motor trans.)
RECEIPT CLERK (clerical)
platform receiver
222.587 DISTRIBUTING CLERK (clerical)
packing-and-shipping clerk
publications clerk
publications-distribution clerk
FISH ICER (can. & preserv.)
fish boxer
fish-house worker
RECEIVER (bus. ser.)
RECEIVING-AND-SHIPPING HELPER (textile)
floorman
trucker
RETURNED-GOODS CLERK (can. & preserv.)
ROUTE-RETURN MAN (clerical)
check-in man
return-goods man
return-room man
SCRATCH-STORAGE OPERATOR (linoleum)
SHIPPING CLERK (clerical) II
delivery-and-order man
shipping packer
Freight Clerk (clerical)
Reshipping Clerk (clerical)
CLERK, BRAILLE-AND-TALKING BOOKS (library)
VAULT MAN (bus. ser.)
222.588 DELIVERY CLERK (clerical)
distribution clerk
entry clerk
route-delivery clerk
sheet writer
LOCATION MAN (water trans.)
dockman
floor runner
ship runner
PHOTOPRINT CHECKER (clerical)
SHOP CLERK, GRAIN ELEVATORS (grain & feed mill.)
TRAFFIC CLERK (clerical) I
traffic man
TRAFFIC CLERK (clerical) II
shipping clerk
WRONG-ADDRESS CLERK (ret. tr.)
222.687 MAIL SORTER (r.r. trans.)
freight handler
freight router-and-sorter
MILK RECEIVER (dairy prod.)
intake operator
weigher and sampler

222.687 Con. MILK RECEIVER (dairy prod.)—Continued
MILK-RECEIVER, TANK TRUCK (dairy prod.)
RECEIVING CHECKER (clerical)
accumulator
checking clerk
incoming-merchandise checker
order checker
outside checker
outside inspector
raw-material inspector
raw-stock inspector
receiving inspector
returned-goods checker
unloading checker
SAMPLE INSPECTOR (carpet & rug; textile)
card-sample checker
cloth-sample-book checker
cloth-sample-book inspector
quality control girl
sample checker
SHIPPING CHECKER (clerical)
delivery checker
loading checker
order checker
outgoing-merchandise checker
packing checker
platform checker
record clerk
shipping-clerk assistant
tally-in-tally-out clerk
SORTER (any ind.)
dispatcher
route clerk
router
routing clerk
Belt Boy, Package Sorting (ret. tr.)
STUBBER (ret. tr.)

223. **Stock Clerks and Related Occupations**

This group includes occupations concerned with receiving, storing, shipping, and issuing supplies, materials, and equipment in a stockroom or warehouse environment. Includes taking inventories, keeping records, and requisitioning stock.

223.138 AMMUNITION FOREMAN (ammunition; explosives)
ammunition storekeeper
ammunition supplyman
magazine foreman
LINEN-ROOM SUPERVISOR (laund.)
manager, industrial garment
PETROLEUM-INSPECTOR SUPERVISOR (bus. ser.)
RECEIVING-AND-SHIPPING FOREMAN (any ind.)
chief clerk
shipping-and-receiving foreman
Receiving Foreman (any ind.)
Shipping Foreman (any ind.)
STOCK-CONTROL SUPERVISOR (clerical)
STOCK SUPERVISOR (ret. tr.)
head of stock
stockroom supervisor
SUPERVISOR, ASSEMBLY STOCK (clerical)
SUPERVISOR, STOCK (clerical)
manager, stockroom
shipping-and-receiving foreman
stock foreman
storeroom supervisor
warehouse foreman
warehouseman, chief
TOOL-CRIB FOREMAN (clerical)
foreman, tool crib
tool-clerk foreman
VAULT CUSTODIAN (motion pic.)
vaultman
223.368 MANAGER, FLOOR (whole. tr.)
PROCUREMENT CLERK (clerical)
award clerk
bid clerk
buyer assistant
purchase request editor
purchasing-and-fiscal clerk
purchasing clerk
purchasing-contracting clerk
223.387 AUTOMOTIVE-PARTS MAN (aircraft mfg.)
BOOK SUPERVISOR (clerical)
CHECKER (water trans.)
cargo checker
freight checker

223.387 Con. marine clerk
FILM-LIBRARY CLERK (clerical)
film-vault clerk
FOLLOW-UP CLERK (elec. equip.)
LIBRARIAN (motion. pic.)
LINEN-ROOM ATTENDANT (hotel & rest.; medical ser.)
linen checker
linen clerk
linen-exchange attendant
linen maid
MAGAZINE KEEPER (any ind.)
powder man
powder monkey
powder nipper
prill man
MATERIAL CLERK (clerical)
material checker
stock editor
stock-record clerk
stores-auditor clerk
supplies clerk
Warehouse-Record Clerk (clerical)
METAL CHECKER (ore dress., smelt., & refin.)
TRUCK CHECKER (const.)
load checker
tallyman
MATERIAL DISPOSITION ANALYST (aircraft mfg.)
PARTS-ORDER CLERK (motor trans.)
parts clerk
PETROLEUM INSPECTOR (bus. ser.)
RETURNED - TELEPHONE - EQUIPMENT APPRAISER (elec. equip.)
SAMPLE CLERK (glass mfg.)
STOCK CLERK (clerical)
counterman
material handler
material keeper
stock attendant
stock checker
stock counter
stock-house clerk
stockkeeper
stockman
stockroom attendant
stockroom clerk
stockroom man
stock-service clerk
stock tender
storekeeper
storeman
storeroom attendant
storeroom clerk
storeroom keeper
stores clerk
stores-supply clerk
supply clerk
supply-room clerk
Camera Clerk (motion pic.)
Camera-Storeroom Clerk (motion pic.)
Cellerman (hotel & rest.)
Commissary Clerk (r.r. trans.)
Commissary Lineman (r.r. trans.)
Custodian, Blood Bank (medical ser.)
Drum-Stock Clerk (clerical)
Dry-Drug Man (textile)
Finished-Goods Stock-Clerk (clerical)
Follow Man (auto. mfg.)
Food-Storeroom Man (hotel & rest.)
Garden-Tool-Room Man (hotel & rest.)
Gear-Room Keeper (textile)
Hogshead-Stock Clerk (tobacco)
Ice-Box Man (hotel & rest.)
Kitchen Stock-Clerk (hotel & rest.)
Liquor-Storeroom Keeper-and-Checker (hotel & rest.)
Loose-Starch Man (textile)
Lumber-Delivery Man (auto. mfg.)
Material Yardman (petrol. production)
Oil-House Attendant (clerical)
Oil-Room Man (clerical)
Paint Stockman (aircraft mfg.)
Pattern Clerk (found.)
Pattern-Room Attendant (found.)
Pattern-Storage Man (found.)
Pattern-Vault Man (found.)

223.387 Con. Plastic-Stock Clerk (fabric. plastics prod.)
Printing-Plate Man (print. & pub.)
Raw-Material Stock-Clerk (clerical)
Sack Distributor (clerical)
Sack Keeper (clerical)
Sack-Room Attendant (clerical)
Stationery Storekeeper (clerical)
Stock Clerk, Garage Supplies (ret. tr.)
Stock Clerk, Patterns (found.)
Storage Clerk, Rug (clean., dye., & press.)
Storeroom Clerk, Garage Supplies (auto. ser.)
Template-Storage Clerk (aircraft mfg.)
Vault Clerk (clerical)
Warehouseman (clerical)
Warehouse Stock Clerk (clerical)
Wine Cellarman (hotel & rest.)
Wine Clerk (hotel & rest.)
Wine-Storeroom Man (hotel & rest.)
Wire Stockman (wirework)
Yard Clerk (clerical)
Zoo-Commissary Man (amuse. & rec.)
Zoo Storekeeper (amuse. & rec.)
PARTS CLERK (clerical)
parts man
shop clerk
spare-parts clerk
Parts Clerk, Automobile Repair (clerical)
Parts Clerk, Plant Maintenance (clerical)
PRESCRIPTION CLERK (optical goods)
PROPERTY CUSTODIAN (motion pic.)
REFRIGERATOR MAN (ret. tr.)
SALVAGE CLERK (clerical)
reclamation clerk
STEEL CUTTER (nonfer. metal alloys)
STOCKMAN, TINPLATE (tinware)
Slitter Department Stockman (tinware)
STOCK-CONTROL CLERK (clerical)
inventory controller
stock-order lister
STOREKEEPER (water trans.)
cargo-gear mechanic
gear man
storeman
Storekeeper, Deck (water trans.)
Storekeeper, Engineering (water trans.)
Storekeeper, Steward (water trans.)
TAPE LIBRARIAN (clerical)
TOOL CLERK (clerical)
issue clerk
stores clerk
supply-house man
tool checker
tool-crib attendant
tool-crib operator
tool handler
tool keeper
toolman
tool-room man
tool-storage attendant
tool tender
tool-window attendant
Die-Storage Man (clerical)
VAULT CLERK (motion pic.)
223.388 INVENTORY CLERK (clerical)
Inventory Clerk, Perpetual (clerical)
Inventory Clerk, Physical (clerical)
Property-and-Equipment Clerk (petrol. refin.)
EQUIPMENT-INVENTORY CLERK (aircraft mfg.)
record clerk
shop clerk
INVENTORY CLERK, STOCKROOM (clerical)
record clerk, stockroom
stock-record clerk
MATERIAL PLANNER (aircraft mfg.) I
material biller
MERCHANDISE DISTRIBUTOR (clerical)
SPACE-AND-STORAGE CLERK (ammunition)
223.487 CHECKER, BAKERY PRODUCTS (bake. prod.)
bread packer

223.487 Con. COUNTER, WATCH PARTS (clocks & watch)
parts counter
MAIL-ORDER FILLER (ret. tr.; whole. tr.)
MOLD PICKER (rubber goods)

223.488 MATERIAL-CONTROL CLERK (spring; wirework)

223.587 EQUIPMENT-AND-ACCESSORIES ASSEMBLER (aircraft mfg.)
aircraft inventory checker
final assembler, equipment and accessories
flyaway clerk
KITCHEN CLERK (hotel & rest.)
storeroom food-checker
LABORATORY HELPER (clerical)
STACKER (leather prod.)
bundler

223.588 CHECK-OUT MAN (whole. tr.)
SAMPLER, WOOL (whole. tr.)
SWATCH CLERK (garment)
TALLYMAN (clerical)
Apple-Picking Checker (agric.)
Lumber Checker (sawmill; woodworking)
Tomato Checker (can. & preserv.)
FIELD CHECKER (agric.)

223.684 MEAT CLERK (ret. tr.)

223.687 CAR SUPPLIER (r.r. trans.) I
CHECKER (clerical) I
Warehouse Checker (clerical)
SAMPLE GIRL (hosiery)
SCALER (garment)
sorter
Shirt Sorter (garment)
SORTER (motion pic.)
TOOTH CLERK (medical ser.)
WAREHOUSEMAN (pottery & porc.)
bisque grader

223.884 SAMPLE WORKER (any ind.)
sample girl

223.887 CENTRAL-SUPPLY WORKER (medical ser.)
central-supply aid
CLOTH-BIN PACKER (textile)
COTTON SAMPLER (agric.; textile)
sampler
DECAL CUTTER (pottery & porc.)
print cutter
MEDICAL SUPPLY CLERK (medical ser.)
ODD-PIECE CHECKER (knit goods)
shortage worker
PATTERN KEEPER (wallpaper)
STOCK SUPPLIER, TYPE SOLDERERS (typewriters & parts)
type supplier

224. Weighers

This group includes occupations concerned with weighing materials or products for the purpose of keeping clerical records.

224.487 COUNTER-WEIGHER (typewriters & parts)
parts control man
scaleman
verifier
DOCK BOSS (mining & quarrying)
docking boss
gager
WEIGHER (any ind.)
scale attendant
scale clerk
scaleman
weigh boy or girl
weighman
weighmaster
weight tester
Sugar-Bagging Operator (any ind.)
Weigher, Sulfate (any ind.)
WEIGHER (clerical) II
weighmaster
HOGSHEAD WEIGHER (tobacco)
prize weigher
weigher
SCALER (r.r. trans.)
warehouse foreman
weighmaster
WEIGHING-STATION OPERATOR (gov. ser.)
WEIGHER (cooperage)
scaleman

224.487 Con. WEIGHER-UP (iron & steel; ore dress., smelt., & refin.)
metal man
scaleman
scale tender
weigher
Balance-Tank Operator (ore dress., smelt., & refin.)
Charge Weigher (ore dress., smelt., & refin.)
Ingot Weigher (iron & steel)

224.488 WEIGHT-COUNT OPERATOR (electronics)
weight counter

224.584 WEIGHER AND CHARGER (linoleum)
mixer charger

224.587 BALANCE WEIGHER (drug. prep. & rel. prod.)
BATCH WEIGHER (fertilizer)
weigher
EMPTY-HOGSHEAD WEIGHER (tobacco)
GRAIN WEIGHER (grain & feed mill.; malt liquors)
scaleman
weigher
PRODUCE WEIGHER (ret. tr.)
WEIGHER (clerical) I
weight recorder
Cloth Weigher (knit goods)
Roll Weigher (paper & pulp; paper goods; plastics mat.)
CHECKER AND WEIGHER (can. & preserv.)
receiving weigher
tallyman
WEIGHMASTER (whole. tr.)

224.588 COTTON WEIGHER (agric.)

224.687 FEATHER GRADER (house furn.)
RECEIVING WEIGHMAN (tobacco)
receiving clerk
weighman
RUBBER COMPOUNDER (insulated wire; plastics mat.; rubber goods; rubber tire & tube)
compound weigher
rubber-ingredients weigher and measurer
Batch Weigher (insulated wire; plastics mat.; rubber goods; rubber tire & tube)
Chemical Weigher (insulated wire; rubber goods; rubber tire & tube)
Rubber Weigher (insulated wire; plastics mat.; rubber goods; rubber tire & tube)
COMPOUND MAN (rubber reclaim.)
blender and supply man
compounder
pigment man, millroom
pigment supplier
WEIGHER (tobacco) I
scaleman
scale operator
weigh-off man
Cigar-Stock Weigher (tobacco)
Leaf Weigher (tobacco)
Sack Weigher (tobacco)
Stem Weigher (tobacco)
Strip Weigher (tobacco)
Turkish Weigher (tobacco)
Twist-Wrapper Weigher (tobacco)
Wrapper Weigher (tobacco)
WEIGHER, PRODUCTION (any ind.)

224.688 WEIGHT TAKER (agric.)
weight man

224.887 GARMENT WEIGHER (knit goods)
dozen weigher
ROPER (agric.)
monkey-tail puller
SHADOWGRAPH-WEIGHT OPERATOR (sports equip.)
broadhead weigher
TARE MAN (sugar)
dumpman
WEIGHMAN (coal tar prod.)
WEIGHMAN (elec. equip.)

229. Material and Production Recording Occupations, n.e.c.

This group includes occupations, not elsewhere classified, concerned with receiving, storing, issuing, shipping, requisitioning, and accounting for stores of materials in use.

229.138 CERTIFIED-TEST CLERK (ore dress., smelt., & refin.)
CHART CLERK, CHIEF (clerical)
CHIEF CLERK, MEASUREMENT DEPARTMENT (petrol. production; pipe lines)
CONTACT CLERK SUPERVISOR (light, heat, & power)
EQUIPMENT-RECORDS SUPERVISOR (const.)
PROCESS-CONTROL-CLERICAL SUPERVISOR (petrol. refin.)
SACK-DEPARTMENT FOREMAN (grain & feed mill.)
bag-department foreman
YARD FOREMAN (const.)

229.188 TOOLING COORDINATOR, PRODUCTION ENGINEERING (aircraft mfg.)

229.368 DISPATCHER, MAINTENANCE (clerical)

229.387 BULK-PRODUCTS MAN (sugar)
TANK CALIBRATOR (bus. ser.)
Tank Strapper (bus. ser.)

229.388 CAR CHECKER (r.r. trans.) I
MATERIAL LISTER (const.)
PARTS LISTER (electronics)
PROGRESS CLERK (const.)
recorder
ROAD CLERK (r.r. trans.)
timekeeper, extra gang
ROADMASTER CLERK (r.r. trans.)

229.488 ESTIMATOR (jewelry)
ESTIMATOR (wood. box)
lumber measurer
GIN CLERK (agric.)
LUMBER SCALER (woodworking)

229.587 GREY-GOODS MARKER (textile)
lot marker
marker, hand
piece-goods marker
INSPECTOR, SWEET POTATO (gov. ser.)
SAMPLE CLERK (textile) I

229.588 COUNTER (agric.)
FILE-ROOM CUSTODIAN-AND-STABILITY-PROGRAM CLERK (clerical)
OBSERVER, WATER-SALES-MEASUREMENTS (light, heat, & power)
water-measurements observer
OUTSOLE SCHEDULER (boot & shoe)
SHADE-TICKET MARKER (garment)
bundler
TICKET MARKER (whole. tr.)

229.687 GRAIN SAMPLER (finan. inst.; whole. tr.)
grain prober

229.688 CLAIMS CLERK (auto. mfg.)

229.884 CHART CHANGER (clerical)
chart collector
instrument man
ticket snatcher

229.887 TICKETER (textile)
cloth tagger
label girl
ticket maker

23 INFORMATION AND MESSAGE DISTRIBUTION OCCUPATIONS

This division includes occupations concerned with distribution of information and messages by mail, telephone, telegraph, and in person.

230. Messengers, Errand Boys, and Office Boys and Girls

This group includes occupations concerned with running errands; sorting and delivering letters, packages, and messages; furnishing workers with clerical supplies; and performing similar routine tasks in an office.

230.138 SUPERVISOR, MESSENGERS (tel. & tel.)

230.368 TELEGRAPH MESSENGER (tel. & tel.) II
telephone messenger

230.868 TELEGRAPH MESSENGER (tel. & tel.) I
Telegraph Messenger, Automobile (tel. & tel.)
Telegraph Messenger, Bicycle (tel. & tel.)
Telegraph Messenger, Station (tel. & tel.)
Telegraph Messenger, Walking (tel. & tel.)

230.878 MESSENGER (clerical)
delivery boy
errand boy

230.878 Con.
errand girl
floor boy
AID, ROUTE (tel. & tel.)
CASH BOY (ret. tr.)
Cash Girl (ret. tr.)
COPY BOY (print. & pub.)
mat boy
RUNNER (finan. inst.)
OFFICE BOY (clerical)
Mail Boy (clerical)
Office Girl (clerical)

230.887 HANDBILL PASSER (any ind.)
advertisement distributor
circular distributor
pamphlet distributor

231. Mail Clerks

This group includes occupations concerned with preparing incoming and outgoing mail for distribution. Includes time stamping, reading and sorting incoming mail, and sealing and stamping outgoing mail or packages. Mail-preparing and mail-handling machine operators are included in Group 234.

231.138 MAILING SUPERVISOR (clerical)
mail-room foreman
manager, mail

231.388 PARCEL-POST CLERK (clerical)
parcel-post packer
parcel-post weigher
Parcel-Post Order-Clerk (clerical)
MAIL-ORDER SORTER (ret. tr.)

231.588 MAIL CLERK (clerical)
mail-room clerk
mail sorter
postal clerk
Mail Clerk, Bills (clerical)
DIRECT-MAIL CLERK (clerical)
REGISTERED-MAIL CLERK (banking)
TRUST-MAIL CLERK (banking)

231.687 EXPRESS MESSENGER (r.r. trans.)
SHIPPER (bus. ser.)

231.688 DISTRIBUTION CLERK (gov. ser.)
mail sorter
Distribution Clerk, Railway or Highway Post Office (gov. ser.)
Special-Distribution Clerk (gov. ser.)

232. Post Office Clerks

This group includes occupations concerned with selling postage stamps, postal cards, postal savings certificates, and U.S. Savings Bonds; writing money orders; registering and insuring mail; computing mailing costs; sorting outgoing mail; and recording daily transactions.

232.138 FOREMAN, MAILS (gov. ser.)
post-office supervisor

232.368 POST-OFFICE CLERK (clerical)
customer-service post-office clerk
POST-OFFICE CLERK (gov. ser.)
mail clerk
postal clerk

233. Mail Carriers

This group includes occupations concerned with sorting mail and delivering it to private homes and business establishments along an established route.

233.138 FOREMAN, CARRIERS (gov. ser.)

233.388 MAIL CARRIER (gov. ser.)
letter carrier
mailman
postman
Parcel-Post Carrier (gov. ser.)
Special-Delivery Messenger (gov. ser.)
RURAL-MAIL CARRIER (gov. ser.)

234. Mail-Preparing and Mail-Handling-Machine Operators

This group includes occupations concerned with operating machines to emboss names, addresses, and other matter on metal plates for use in addressing machines; to print names, addresses, and similar information on items, such as envelopes, accounting forms, and advertising literature; to address, fold, stuff, seal, and stamp mail; and to open envelopes.

234.582 ADDRESSING-MACHINE OPERATOR (clerical)
Addressograph Operator (clerical)

234.885 ENVELOPE-SEALING-MACHINE OPERATOR (clerical) I
envelope-sealer operator
letter-sealer operator
FOLDING-MACHINE OPERATOR (clerical)
folder operator
INSERTING-MACHINE OPERATOR (clerical)
SEALING-AND-CANCELING-MACHINE OPERATOR (clerical)
canceling-and-metering-machine operator
envelope-stamping-machine operator
letter-stamping-machine operator
postage-machine operator
Canceling-Machine Operator (clerical)
Envelope-Sealing-Machine Operator (clerical) II
Stamping-Machine Operator (clerical)
WING-MAILER-MACHINE OPERATOR (print. & pub.)

235. Telephone Operators

This group includes occupations concerned with operating telephone switchboard to relay incoming and interoffice calls, make connections with outside lines for outgoing calls, establish connections between subscribers, supply information, and calculate long distance charges.

235.138 CENTRAL-OFFICE-OPERATOR SUPERVISOR (tel. & tel.)
TELEPHONE OPERATOR, CHIEF (clerical)

235.228 PRIVATE-BRANCH-EXCHANGE SERVICE ADVISER (tel. & tel.)

235.388 RADIO-MESSAGE ROUTER (tel. & tel.)

235.585 SWITCHING CLERK (tel. & tel.)
reperforator operator

235.588 CLERK, ROUTE (tel. & tel.)

235.862 CENTRAL-OFFICE OPERATOR (tel. & tel.)
switchboard operator
telephone operator
Charge Operator (tel. & tel.)
Long-Distance Operator (tel. & tel.)
GAMEWELL OPERATOR (gov. ser.)
SWITCHBOARD OPERATOR, POLICE DISTRICT (gov. ser.)
INFORMATION OPERATOR (tel. & tel.)
information and dsa operator
information girl
information-telephone operator
TELEPHONE-ANSWERING-SERVICE OPERATOR (bus. ser.)
interceptor operator
telephone-interceptor operator
TELEPHONE OPERATOR (clerical)
control-board operator
p.b.x. operator
private-branch-exchange operator
switchboard operator
telephone-switchboard operator

236. Telegraph Operators

This group includes occupations concerned with operating telegraph equipment to transmit and receive signals or messages. Includes transmitting train-delay reports, train orders, etc. Occupations concerning use of telegraphic typewriters are included in Group 203.

236.382 TELEFAX CLERK (tel. & tel.)

236.588 MORSE OPERATOR (tel. & tel.)
station telegrapher
telegrapher
telegrapher cashier
Morse-Operator, Central News Desk (tel. & tel.)
TELEGRAPHER (r.r. trans.)
telephoner
teletype telegrapher
TELEGRAPHER AGENT (r.r. trans.)
station telegrapher

237. Receptionists and Information Clerks

This group includes occupations concerned with answering telephone and information requests from patrons and inquiries from company employees or from visitors coming into an establishment regarding such matters as activities carried on in establishment; location of offices and employees within firm, other firms, hotels, stores, and places of interest; and transit service. Includes keeping record of callers and nature of their business, making appointments, and interviewing people to secure such information as hospital admittance data.

237.168 TRAVEL COUNSELOR (nonprofit. organ.)
touring counselor
traveling clerk

237.368 ADMITTING OFFICER (medical ser.) I
supervisor, admitting office
APPOINTMENT CLERK (clerical)
reception clerk
INFORMATION CLERK (clerical)
PAY-STATION ATTENDANT (clerical)
INFORMATION CLERK (motor trans.; r.r. trans.)
travel-bureau clerk
OUT-PATIENT ADMITTING CLERK (medical ser.)
RECEPTIONIST (clerical)
reception clerk
Receptionist, Doctor's Office (medical ser.)
Out-Patient Receptionist (medical ser.)
HOSPITAL-ADMITTING CLERK (medical ser.)
admitting officer
clinic clerk
hospital-receiving clerk
medical clerk
Appointment Clerk (medical ser.)
REGISTRAR (gov. ser.)
entrance guard
REGISTRATION CLERK (gov. ser.) II

239. Information and Message Distribution Occupations, n.e.c.

This group includes message and distribution occupations, not elsewhere classified.

239.138 CABLE SUPERVISOR (tel. & tel.)
traffic controller, cable
CONTRACT CLERK SUPERVISOR (tel. & tel.)
service representative supervisor
FOREMAN, MAIL ROOM (print & pub.)
mail-room supervisor
MANAGER, DELIVERY DEPARTMENT (tel. & tel.)
METER READER, CHIEF (light, heat, & power; waterworks)
MORSE SUPERVISOR (tel. & tel.)
SERVICE OBSERVER, CHIEF (tel. & tel.)
monitor chief
SUPERVISOR, AUTOMATIC EQUIPMENT (tel. & tel.)
SUPERVISOR, ROUTE (tel. & tel.)
TELEFAX SUPERVISOR (tel. & tel.)

239.228 CONTRACT CLERK TRAINING SUPERVISOR (tel. & tel.)

239.368 COUNTER CLERK (tel. & tel.)
Money-Order Clerk (tel. & tel.)
MAIL-DISTRIBUTION-SCHEME EXAMINER (gov. ser.)
MANAGER, TRAFFIC (motor trans.) II
PLACER (insurance)
WEATHER CLERK (air trans.)

239.382 WIRE-PHOTO OPERATOR, NEWS (print. & pub.)

239.388 DISPATCHER, MAINTENANCE SERVICE (clerical)
dispatcher
maintenance clerk
MAIL CENSOR (gov. ser.)

239.587 MAILER (print. & pub.)
MAILER APPRENTICE (print. & pub.)

239.588 BOARD BOY (finan. inst.)
board marker
Board Girl (finan. inst.)
CLERK, DIRECTORY (tel. & tel.)
METER READER (light, heat, & power; waterworks)
Electric Meter Reader (light, heat, & power)
Gas Meter Reader (light, heat, & power)
Steam Meter Reader (light, heat, & power)
Water Meter Reader (waterworks)
PLOTTING-BOARD OPERATOR (air trans.)
ROUTER (clerical)
dispatcher
marker, delivery
routing clerk
SERVICE OBSERVER (tel. & tel.)
moniter
observer

239.687 TUBE OPERATOR (clerical)
pneumatic-tube operator
tube clerk
tube dispatcher
tube-station attendant
239.688 CLERK, INSPECTION (tel. & tel.)
239.868 CALLER, INDUSTRIAL (any ind.)
239.887 TELEPHONE-DIRECTORY DELIVERYMAN (bus. ser.)
phone-book deliveryman

24 **MISCELLANEOUS CLERICAL OCCUPATIONS**

This division includes occupations concerned with public contact, such as examining and adjusting claims and records, collecting and tracing accounts, and quoting prices; and clerical occupations not elsewhere classified.

240. **Collectors**

This group includes occupations concerned with collecting payments on installment or overdue accounts; tracing addresses of customers changing residence without notification; and collecting money from coin boxes.

240.138 COIN-MACHINE-COLLECTOR SUPERVISOR (clerical)
240.368 COLLECTOR (clerical)
bill collector
collection agent
collector man
outside collector
outside-contact man
Claims Collector (clerical)
Installment Man (clerical)
Insurance Collector (insurance)
REPOSSESSOR (clerical)
special collector
COLLECTOR, OVERDUE MATERIAL (library)
TRACER (clerical)
skip tracer
240.388 COLLECTION CLERK (clerical)
collection-and-credit clerk
collection-contract clerk
collection correspondent
collector man
past-due-accounts clerk
Budget-Collection Clerk (clerical)
Credit Contact Clerk (clerical)
TRUST-COLLECTION CLERK (banking)
240.468 LAY-AWAY CLERK (ret. tr.)
240.884 PARKING-METER COLLECTOR (gov. ser.)
240.887 COLLECTOR (tel. & tel.)
coin-box collector
pay-station collector

241. **Adjusters**

This group includes occupations concerned with investigating and determining validity of customers' claims or complaints concerning merchandise or service, and arriving at a settlement.

241.168 CLAIM ADJUSTER (insurance)
field-claims representative
insurance adjuster
investigator
Adjuster, Casualty Insurance (insurance)
Adjuster, Fidelity and Surety Bonds (insurance)
Adjuster, Fire Insurance (insurance)
Adjuster, Marine Insurance (insurance)
241.268 INVESTIGATOR, BILL COMPLAINTS (light, heat, & power)
241.368 ADJUSTMENT CLERK (clerical)
adjuster
claim adjuster
complaint clerk
investigator
service-desk clerk
Bill Adjuster (clerical)
Credit-Refer Clerk (clerical)
Merchandise-Adjustment Clerk (ret. tr.)
Service Investigator (light, heat, & power)
LOSS-OF-CLAIM CLERK (insurance)
OUTSIDE-CONTACT CLERK (light, heat, & power)
241.387 TIRE ADJUSTER (ret. tr.; whole. tr.)

242. **Hotel Clerks, n.e.c.**

This group includes occupations in a hotel concerned with registering guests, renting rooms, checking keys and valuables, distributing mail, and supplying information.

242.368 HOTEL CLERK (hotel & rest.)
day clerk
desk clerk
front clerk
Floor Clerk (hotel & rest.)
Key Clerk (hotel & rest.)
Reservation Clerk (hotel & rest.)
Room Clerk (hotel & rest.)
TRAVEL CLERK (hotel & rest.)
transportation clerk

243. **Direct Service Clerks, n.e.c.**

This group includes occupations, not elsewhere classified, concerned with performing sales service work, involving personal contact with customer, such as furnishing prices on items of merchandise over telephone; examining returned merchandise to determine if it is represented on sales slip, and crediting customer's account or authorizing cash refund; returning found articles to owners; and storing and issuing merchandise to customer on demand.

243.368 CALL CLERK (gov. ser.)
LOST AND FOUND CLERK (clerical)
LOST-AND-FOUND CLERK (motor trans.)
MORTGAGE CLOSING CLERK (clerical)
SERVICE CLERK (clerical)
order clerk
repair-service clerk
service-desk clerk
service-order clerk
service-order dispatcher
trouble clerk
WORK-ORDER-SORTING CLERK (light, heat, & power)
TELEPHONE-QUOTATION CLERK (finan. inst.)
information clerk, brokerage
quote clerk
telephone-information clerk
243.468 SALES-CHECK WRITER (ret. tr.)
Transfer Clerk (ret. tr.)

249. **Miscellaneous Clerical Occupations, n.e.c.**

This group includes clerical occupations, not elsewhere classified.

249.138 CLAIMS DEPUTY (gov. ser.)
SOLICITOR, HEAD (print. & pub.)
STOCK-TRANSFER CLERK, HEAD (banking)
SUPERINTENDENT, CUSTOMER RECORDS DIVISION (light, heat, & power)
SUPERVISOR, SURVEY WORKER (clerical)
area coordinator
249.168 COPY CUTTER (print. & pub.)
copy man
LABOR EXPEDITER (const.)
transportation expediter
249.268 CLAIM EXAMINER (insurance) II
claims auditor
claims representative
Accident-and-Sickness-Claim Examiner (insurance)
Death-Claim Examiner (insurance)
Total-Disability-Claim Examiner (insurance)
SURVEY WORKER (clerical)
interviewer
merchandising representative
public interviewer
Census Enumerator (gov. ser.)
249.281 DRAFTING CLERK (clerical)
chart man
charting draftsman
249.288 CUSTOMS CLERK (gov. ser.)
Customs Entry-and-Clearance Clerk (gov. ser.)
Customs Examining Clerk (gov. ser.)
Customs Liquidating Clerk (gov. ser.)
Customs Marine Clerk (gov. ser.)
ENGINEERING CLERK (aircraft mfg.)
FIELD MAP EDITOR (clerical)
249.368 CLAIMS CLERK (insurance)
CLERK, ELECTORAL (gov. ser.)
poll clerk
returning officer

249.368 Con. COUNTER CLERK (print. & pub.)
ad clerk
Telephone Ad-Taker (print. & pub.)
COURT CLERK (gov. ser.)
judge's clerk
CREDIT CLERK (clerical) I
application clerk
new business clerk
Loan-Application Clerk (banking)
Loan-Approval Agent (gov. ser.)
CREDIT REPORTER (bus. ser.)
credit investigator
field man
reporter
Insurance Inspector (insurance)
DEPOSIT CLERK (light, heat, & power)
credit supervisor
FARM CHECKER (gov. ser.)
reporter
surveyor, cropland
FINGERPRINT CLERK (gov. ser.)
LIBRARY ASSISTANT (library)
book-loan clerk
circulation clerk
desk attendant
library attendant
library clerk
library helper
Bookmobile Clerk (library)
Branch Library Clerk (library)
Library Clerk, Art Department (library)
Library Clerk, Book Return (library)
LICENSE CLERK (gov. ser.)
interviewer
LOAN OFFICER (banking; finan. inst.)
NEW-ACCOUNT CLERK (clerical)
account-application clerk
budget-account clerk
credit-application clerk
credit clerk
credit interviewer
new-business clerk
CONTRACT CLERK (light, heat, & power; tel. & tel.)
adjustment clerk
application clerk
order clerk
outside contact clerk
service representative
NEW-ACCOUNTS TELLER (banking)
ORDER CLERK (clerical) II
customer-order clerk
order chief
order taker
Back-Order Clerk (clerical)
Mail-Order Clerk (clerical)
Mail-Order Clerk, Charge and C.O.D. (clerical)
Merchandise-Transfer-Order Clerk (clerical)
Telephone-Order Clerk (clerical)
Telephone-Order Dispatcher (ret. tr.)
RECONSIGNMENT CLERK (r. r. trans.)
disposition clerk
diversion clerk
RELIGIOUS-AFFAIRS CLERK (nonprofit organ.)
RESERVATION CLERK (clerical)
clerk, travel reservations
travel clerk
SAFE-DEPOSIT CLERK (banking)
access clerk
TEST TECHNICIAN (clerical)
test examiner
TRACER CLERK (clerical)
follow-up clerk
Mail Tracer (clerical)
Missing-Check Investigator (clerical)
Short-Report Clerk (r.r. trans.)
Telegram Tracer (tel. & tel.)
249.387 WATCH-AND-CLOCK-REPAIR CLERK (ret. tr.)
249.388 ANALYST (ret. tr.)
COMPILER (clerical)
Directory Compiler (clerical)
Survey Compiler (clerical)
MAILING-LIST COMPILER (clerical)
CREDIT AUTHORIZER (clerical)
authorizer
charge authorizer

249.388 Con.
check clerk
credit clerk
refer clerk
FORMS ANALYST (clerical)
forms coordinator
LOAN CLOSER (finan. inst.; real estate)
MEDICAL-RECORD CLERK (medical ser.)
coding clerk
MESSENGER, BANK (banking)
collector
METER READER (motor trans.)
REAL-ESTATE-LOCATION WRITER (insurance)
SECURITIES CLERK (banking)
STOCK-TRANSFER CLERK (banking)
corporate-trust clerk
SUGGESTION CLERK (clerical)
TOWN CLERK (gov. ser.)

249.488 CHECKER, DUMP GROUNDS (bus. ser.)

249.587 NOTE KEEPER (any ind.)
noteman
recorder
PROPERTY CLERK (gov. ser.)
custodian

249.588 MAP CLERK (agric.)
farm mapper
SHEET WRITER (amuse. & rec.) II
boardman
gambling broker
racing-board marker
wallman
STATION-HOUSE CLERK (gov. ser.)
police clerk
precinct clerk
REGISTRATION CLERK (gov. ser.) I
TICKET COUNTER (amuse. & rec.)

249.688 BROADCAST CHECKER (radio & tv broad.)
program clerk
radio-program checker
PRODUCTION MAN (ret. tr.)

249.868 PROCESS SERVER (bus. ser.)
VAULT ATTENDANT (banking)
safe-deposit attendant

249.887 CLERK-DRAFTSMAN (clerical)
CUTTER, PRESS CLIPPINGS (bus. ser.)
NEWSPAPER INSERTER (print. & pub.)
inserter
sticker
stuffer

25 SALESMEN, SERVICES

This division includes occupations concerned with selling investments, real estate, and services.

250. Salesmen, Real Estate and Insurance

This group includes occupations concerned with renting, buying, and selling real property for clients, usually on a commission basis; and selling insurance to clients. Includes drafting contracts between insurance agents and insurance company, determining whether applicants are good risks, approving or disapproving insurance applications received from agents, and investigating insurance claims and trying to effect settlement.

250.158 SUPERINTENDENT, SALES (const.)
customer representative
sales manager
sales representative

250.258 LIFE UNDERWRITER (insurance) I
SALESMAN, INSURANCE (insurance)
insurance agent
solicitor
General Agent (insurance)
Insurance Broker (insurance)
Salesman, Casualty Insurance (insurance)
Salesman, Fire Insurance (insurance)
Salesman, Life Insurance (insurance)
Salesman, Marine Insurance (insurance)

250.358 BUILDING CONSULTANT (whole. tr.)
DOORMAN (whole. tr.)
MEMORIAL COUNSELOR (ret. tr.)
cemetery salesman
salesman, interment needs
Salesman, Burial Plots (ret. tr.)
Salesman, Grave Coverings and Markers (ret. tr.)

250.358 Con.
SALESMAN, REAL ESTATE (real estate)
real-estate agent
Real-Estate Broker (real estate)
SALES REPRESENTATIVE (motor trans.)

251. Salesmen, Securities

This group includes occupations concerned with buying and selling securities, advising customers, and furnishing information regarding stocks, bonds, market conditions, and history and prospects of corporations. Occupations concerned with selling only securities counseling without authority for making transactions are included in Group 252.

251.258 SALESMAN, SECURITIES (finan. inst.)
account executive
broker, securities
registered account adviser
securities adviser

252. Salesmen, Business and Financial Services

This group includes occupations concerned with selling such business services as janitorial, exterminating, credit checking, clerical, and management consulting; or financial services, such as loans, tax and securities counseling, and accounting or auditing. Occupations concerned with selling business machine rental and repair services are included in Group 256. Occupations concerned with selling personal, legal, or amusement and recreation services are included in Group 259.

252.158 SALESMAN, INDUSTRIAL RELATIONS (bus. ser.)

252.258 SALESMAN, FINANCIAL SERVICE (banking; finan. inst.)

252.358 LEASEMAN (bus. ser.)
property-rental man
SALESMAN, BUSINESS SERVICES (bus. ser.)
SALESMAN, FINANCIAL SERVICE (bus. ser.)
salesman, credit services
salesman, report service
SALESMAN, INVESTMENT AND TAX COUNSELING SERVICE (bus. ser.)
SALESMAN, PEST CONTROL SERVICE (bus. ser.)
salesman, exterminating service
SALESMAN, PROTECTIVE SERVICE (bus. ser.)
salesman, business service
SALESMAN, TRADING STAMPS (bus. ser.)
SERVICE-SALESMAN, EXTERMINATING SERVICES (bus. ser.)

253. Salesmen, Radio and Television Broadcasting Services

This group includes occupations concerned with selling time and facilities of radio and television broadcasting station.

253.358 SALESMAN, RADIO AND TELEVISION TIME (radio & tv broad.)
account executive
sales executive

254. Salesmen, Hotel Services

This group includes occupations concerned with selling hotel accommodations and services for personal needs, conventions, banquets, and other social functions.

254.258 SALES REPRESENTATIVE (hotel & rest.)
salesman, hotel service

255. Salesmen, Transportation Services

This group includes occupations concerned with selling passenger and freight transportation services.

255.258 TRAFFIC AGENT (motor trans.; r.r. trans.; water trans.)
Freight-Traffic Agent (motor trans.; r.r. trans.; water trans.)
Passenger-Traffic Agent (air trans.; r.r. trans.; water trans.)
Traveling-Freight-and-Passenger Agent (motor trans.; r.r. trans.; water trans.)

256. Salesmen, Maintenance and Repair Services

This group includes occupations concerned with selling repair services for such articles as automobiles, electrical appliances, furniture, musical instruments, and business machines. Includes rental of business machines as well as maintenance and repair.

256.258 SALESMAN, UPHOLSTERY AND FURNITURE REPAIR (ret. tr.)

256.358 SALESMAN, FOOD-VENDING SERVICE (whole. tr.)

257. Salesmen, Utilities

This group includes occupations concerned with selling utilities services, such as electricity and gas.

257.258 REPRESENTATIVE, PERSONAL SERVICE (tel. & tel.)
SALES REPRESENTATIVE, TELEPHONE SERVICES (tel. & tel.)
commercial representative
sales analyst

257.358 SALESMAN, PUBLIC UTILITIES (light, heat, & power; tel. & tel.)
commercial sales representative
Salesman, Electric Service (light, heat, & power)
Salesman, Gas Services (light, heat, & power)
Salesman, Rural Power (light, heat, & power)
Salesman, Telephone and Telegraph Services (tel. & tel.)

258. Salesmen, Printing and Advertising

This group includes occupations concerned with soliciting business for a printing firm, for display or classified advertising for a publication, and for outdoor advertising; and selling art works, such as oil paintings, water colors, and sketches to advertising agencies or industrial firms for use in composing advertising material.

258.258 SALESMAN, ART (bus. ser.)
SALESMAN, SIGNS AND DISPLAYS (signs)

258.358 SALESMAN, ADVERTISING (print. & pub.)
advertising-sales representative
advertising solicitor
Salesman, Classified Advertising (print. & pub.)
Salesman, Display Advertising (print. & pub.)
SALESMAN, PRINTING (print. & pub.)
SALESMAN, SIGNS (whole. tr.)

259. Salesmen, Services, n.e.c.

This group includes occupations, not elsewhere classified, concerned with selling services.

259.158 TICKET BROKER (amuse. & rec.)
treasurer

259.258 SALESMAN, EDUCATION COURSES (education)
Salesman, Business Courses (education)
Salesman, Correspondence Courses (education)

259.358 SALESMAN, DANCING INSTRUCTIONS (education)
SALESMAN, SOFT-WATER SERVICE (bus. ser.)
SALESMAN, TELEVISION CABLE SERVICE (ret. tr.)
contact man
SALESMAN, WEATHER FORECASTING SERVICE (bus. ser.)

259.458 CRATING-AND-MOVING ESTIMATOR (motor trans.; r.r. trans.)
traffic representative

26, 27, 28 SALESMEN AND SALESPERSONS, COMMODITIES

This division includes occupations concerned with selling commodities when knowledge of the commodities sold is required.

260. Salesmen and Salespersons, Horticultural and Nursery Products

This group includes occupations concerned with selling shrubs, flowers, trees, seeds, and bulbs.

260.458 SALESPERSON, FLOWERS (ret. tr.)

261. Salesmen and Salespersons, Agricultural Products, n.e.c.

This group includes occupations, not elsewhere classified, concerned with selling field crops, vegetables, fruits, nuts, poultry, livestock, other animals, and related farm products.

261.158 COMMISSION MAN, AGRICULTURAL PRODUCE (whole. tr.)
agricultural broker
commission agent, agricultural produce
farm-products broker
produce broker

261.258 SALESMAN, LIVESTOCK (whole. tr.)

261.358 SALESMAN, RAW WOOL (whole. tr.)

262. **Salesmen and Salespersons, Foodstuffs, Beverages, and Tobacco**
This group includes occupations concerned with selling food staples and related products (meat, seafood, dairy and bakery products, canned goods, fruit, vegetables); food specialties (coffee, candy, tobacco); and beverages (soft drinks, wine, liquor).
262.358 SALESMAN, FOOD PRODUCTS (whole. tr.)
Salesman, Groceries (ret. tr.; whole. tr.)
Salesman, meats (ret. tr.; whole. tr.)
SALESMAN, GRAIN-AND-FEED PRODUCTS (whole. tr.)
Salesman, Commercial Feed (whole. tr.)
Salesman, Flour and Cereals (whole. tr.)
SALESMAN, TOBACCO PRODUCTS AND SMOKING SUPPLIES (whole. tr.)

263. **Salesmen and Salespersons, Textiles, Textile Products, and Apparel**
This group includes occupations concerned with selling textile products (canvas, jute, and felt products; carpets and rugs; and related); fabrics (woolen, cotton, synthetic fabrics; hosiery; and related); textile products, not elsewhere classified, such as parachutes and fish nets; and apparel, including footwear (made from textile fabrics or other materials, such as leather, rubberized fabrics, plastics, and furs) and orthopedic shoes. Occupations concerned with selling textile fibers and related are included in Group 289.
263.258 SALESPERSON, ORTHOPEDIC SHOES (ret. tr.)
orthopedic-shoe fitter
263.358 SALESMAN, CANVAS PRODUCTS (whole. tr.)
SALESMAN, DRESS TRIMMINGS (whole. tr.)
SALESMAN, FOOTWEAR (whole. tr.)
SALESMAN, MEN'S AND BOYS' CLOTHING (whole. tr.)
SALESMAN, UNIFORMS (ret. tr.; whole. tr.)
SALESMAN, WOMEN'S AND GIRLS' APPAREL (whole. tr.)
SALESPERSON, CORSETS (ret. tr.)
corsetier
SALESPERSON, FASHION ACCESSORIES (ret. tr.)
SALESPERSON, FURS (ret. tr.)
SALESPERSON, MEN'S FURNISHINGS (ret. tr.)
haberdasher
SALESPERSON, SHOE (ret. tr.)
shoe clerk
263.458 SALESPERSON, INFANTS' AND CHILDREN'S WEAR (ret. tr.)
SALESPERSON, MEN'S AND BOYS' CLOTHING (ret. tr.)
SALESPERSON, MILLINERY (ret. tr.)
hat fitter
salesperson, women's hats
SALESPERSON, WOMEN'S GARMENTS (ret. tr.; whole. tr.)
salesperson, ladies' wear
SALESPERSON, YARD GOODS (ret. tr.)

264. **Salesmen and Salespersons, Leather and Leather Products**
This group includes occupations concerned with selling such products as hides and skins, luggage, leather findings, and fur pelts. Occupations concerned with selling leather or fur apparel, including footwear, are included in Group 263.
264.358 SALESMAN, LEATHER GOODS (whole. tr.)

265. **Salesmen and Salespersons, Paper and Paper Products**
This group includes occupations concerned with selling paper pulp and waste paper, stationery, wallpaper, paperboard containers, greeting cards, blankbook products, and metal foil.
265.358 SALESMAN, FOUNTAIN PENS (whole. tr.)
SALESMAN, PAPER AND PAPER PRODUCTS (whole. tr.)
Salesman, Envelope (whole. tr.)
Salesman, Printing Paper (whole. tr.)
SALESMAN, PRESSURE-SENSITIVE TAPE (whole. tr.)

266. **Salesmen and Salespersons, Chemicals and Drug Preparations**
This group includes occupations concerned

266. Con. **with selling organic and inorganic chemicals, paints, explosives, plastics materials, drugs, medicines, cosmetics, and allied products.**
266.158 PHARMACEUTICAL DETAIL MAN (whole. tr.)
detail man
service representative
266.258 SALESMAN, CHEMICALS AND DRUGS (whole. tr.)
266.358 SALESMAN, TOILET PREPARATIONS (whole. tr.)
SALESPERSON, COSMETICS AND TOILETRIES (ret. tr.)

267. **Salesmen and Salespersons, Fuel and Petroleum Products**
This group includes occupations concerned with selling petroleum and related products, such as gasoline, fuel and lubricating oils, coal, coke, fuel wood, asphalt and tar paving, and roofing materials.
267.358 SALESMAN, FUEL (whole. tr.)
SALESMAN, PETROLEUM PRODUCTS (whole. tr.)

268. **Salesmen and Salespersons, Plastics Products**
This group includes occupations concerned with selling plastics products. Occupations concerned with selling plastic housefurnishings are included in Group 274. Occupations concerned with selling plastic toys are included in Group 286.
268.358 SALESMAN, PLASTIC PRODUCTS (whole. tr.)

270. **Salesmen and Salespersons, Rubber Products**
This group includes occupations concerned with selling natural, synthetic, reclaimed, or other rubber products, such as hose and belting. Occupations concerned with selling tires and tubes are included in Group 280. Occupations concerned with selling toys are included in Group 286.
270.258 SALESMAN, RUBBER GOODS (whole. tr.)

271. **Salesmen and Salespersons, Stone, Clay, and Glass Products**
This group includes occupations concerned with selling flat glass, pressed and blown glass, structural clay, pottery, concrete, gypsum, plaster, abrasives, and asbestos products. Occupations concerned with selling table, kitchen, or other household articles made of clay or glass are included in Group 274. Occupations concerned with selling restaurant kitchen articles are included in Group 275. Occupations concerned with selling concrete products, as building or construction supplies, are included in Group 276.
271.358 SALESMAN, ABRASIVES (whole. tr.)

273. **Salesmen and Salespersons, Metal and Metal Products**
This group includes occupations concerned with selling ferrous and nonferrous metal, such as castings, forgings, and scrap metal; and metal products, such as wire, hardware, hand-tools, tinware, and screw machine products. Occupations concerned with selling machinery, builders' hardware, plumbing fixtures, and fabricated structural metal products, such as doors, molding, stairs, and fire escapes are included in Group 276. Occupations concerned with selling transportation equipment hardware are included in Group 280.
273.258 SALESMAN, FOUNDERY AND MACHINE SHOP PRODUCTS (whole. tr.)
273.358 SALESMAN, METALS (whole. tr.)
SALESMAN, WIRE ROPE (whole. tr.)

274. **Salesmen and Salespersons, Housefurnishings**
This group includes occupations concerned with selling housefurnishings, such as china, glassware, linoleum, furniture, bedding, curtains, draperies, upholstery, and other decorative accessories.
274.358 FLOOR-COVERINGS ESTIMATOR (ret. tr.)
measureman
SALESMAN, CUSTOM DRAPERY (ret. tr.)
SALESMAN, FLOOR COVERINGS (ret. tr.; whole. tr.)
SALESMAN HOUSEFURNISHINGS (whole. tr.)
SALESPERSON, CHINA AND GLASSWARE (ret. tr.; whole. tr.)
SALESPERSON, CURTAIN AND DRAPERY (ret. tr.; whole. tr.)
SALESPERSON, FURNITURE (ret. tr.)

275. **Salesmen and Salespersons, Hotel and Restaurant Equipment and Supplies**
This group includes occupations concerned with selling hotel and restaurant equipment and supplies, such as kitchenware, soda fountains, counters, bars, furniture, and cooking equipment.
275.358 SALESMAN, HOTEL AND RESTAURANT EQUIPMENT AND SUPPLIES (whole. tr.)

276. **Salesmen and Salespersons, Industrial, Construction, Mining, and Drilling Equipment and Supplies**
This group includes occupations concerned with selling construction machinery, such as steam shovels, bulldozers, and concrete mixers; building equipment, materials, and supplies, such as heating equipment and plumbing fixtures; and industrial machinery and equipment.
276.158 SALESMAN, MACHINERY (whole. tr.)
276.358 SALESMAN, BUILDING AND CONSTRUCTION EQUIPMENT AND SUPPLIES (whole. tr.)
SALESMAN, CONSTRUCTION MACHINERY (whole. tr.)
SALESMAN, HARDWARE SUPPLIES (whole. tr.)
SALESMAN, LUBRICATING EQUIPMENT (whole. tr.)
SALESMAN, MATERIAL-HANDLING EQUIPMENT (whole. tr.)
SALESMAN, OIL FIELD SUPPLIES AND EQUIPMENT (whole. tr.)
Salesman, Oil Field Supplies (whole. tr.)
Salesman, Oil-Well Equipment Rentals (whole. tr.)
Salesman, Oil Well Services (whole. tr.)
SALESMAN, RADIOGRAPHIC INSPECTION SERVICES (whole. tr.)
SALESMAN, SAFETY EQUIPMENT (whole. tr.)
SALESMAN, TEXTILE DESIGNS (whole. tr.)
SALESMAN, TEXTILE MACHINERY (whole. tr.)
SALESMAN, ULTRASONIC EQUIPMENT (whole. tr.)
SALESMAN, WELDING EQUIPMENT (whole. tr.)
SALESPERSON, GENERAL HARDWARE (ret. tr.; whole. tr.)
floor clerk, hardware
Salesperson, Paint (ret. tr.; whole. tr.)

277. **Salesmen and Salespersons, Farm and Garden Equipment and Supplies**
This group includes occupations concerned with selling such items as farm implements, machinery, feed, fertilizer, and gardening tools and accessories.
277.251 SERVICE-SALESMAN, MILKING MACHINES (ret. tr.)
277.358 SALESMAN, CATTLE-AND-POULTRY FOOD SUPPLEMENTS (ret. tr.)
SALESMAN, DAIRY SUPPLIES (whole. tr.)
SALESMAN, FARM AND GARDEN EQUIPMENT AND SUPPLIES (whole. tr.)
SALESMAN, POULTRY EQUIPMENT AND SUPPLIES (ret. tr.; whole. tr.)
SALESMAN, TRACTOR AND FARM IMPLEMENTS (ret. tr.; whole. tr.)
SALESPERSON, LAWN AND GARDEN EQUIPMENT AND SUPPLIES (ret. tr.; whole. tr.)

278. **Salesmen and Salespersons, Household Appliances and Electrical Machinery, Equipment, and Supplies**
This group includes occupations concerned with selling household appliances, electrical industrial apparatus, electric transmission and distribution equipment, electric lighting and wiring equipment, radio and television sets, communications equipment, and electronic components and accessories. Occupations concerned with selling industrial and commercial air conditioning units and refrigerators are included in Group 281.
278.258 HOME-SERVICE REPRESENTATIVE (light, heat, & power)
SALESMAN, COMMUNICATION EQUIPMENT (whole. tr.)
SALESPERSON, HI-FI (ret. tr.)
278.354 ELECTRIC-MOTOR-REPAIR CLERK (elec. equip.)
278.358 SALESMAN, GAS-OR-ELECTRIC APPLIANCES (light, heat, & power)
SALESMAN, HOUSEHOLD EQUIPMENT (whole. tr.)

278.358 Con. SALESMAN, RADIO AND TELEVISION PARTS (whole. tr.)
salesman, electronic components
SALESMAN SEWING MACHINE (ret. tr.)
SALESMAN, VIDEOTAPE (whole. tr.)
SALESPERSON, TELEVISION AND APPLIANCES (ret. tr.)

280. Salesmen and Salespersons, Transportation Equipment

This group includes occupations concerned with selling transportation equipment, such as motor vehicles and equipment, aircraft and parts, boats, ships, railroad equipment, and trailer coaches; and accessories, such as tires, tubes, and batteries. Occupations concerned with selling bicycles are included in Group 286.

280.258 SALESMAN, AIRCRAFT (ret. tr.; whole. tr.)
280.358 SALESMAN, AIRCRAFT EQUIPMENT AND PARTS (whole. tr.)
salesman, aeronautical and aircraft equipment
Sales Agent, Surplus Stock (whole. tr.)
SALESMAN, AUTOMOBILE (ret. tr.)
New-Car Salesman (ret. rt.)
Used-Car Salesman (ret. tr.)
SALESMAN, AUTOMOBILE PARTS (whole. tr.)
SALESMAN, BOATS AND NAUTICAL EQUIPMENT (ret. tr.; whole. tr.)
SALESMAN, HOUSE TRAILERS (ret. tr.)
SALESMAN, MARINE SUPPLIES (ret. tr.; whole. tr.)
SALESMAN, MOTOR VEHICLES AND SUPPLIES (whole. tr.)
distributor, motor vehicles and supplies
SALESMAN, RAILROAD EQUIPMENT AND SUPPLIES (whole. tr.)
280.458 SALESPERSON, AUTOMOBILE ACCESSORIES (ret. tr.; whole. tr.)
counterman

281. Salesmen and Salespersons, Business and Commercial Machines, Equipment, and Supplies

This group includes occupations concerned with selling office machines, such as those used for computing, accounting, and duplicating, and typewriters and cash registers; service industry machines, such as vacuum cleaners and refrigerators; automatic merchandising machines; commercial laundry machinery and equipment; and office and institutional furniture. Occupations concerned with selling photocopy and microfilm equipment are included in Group 285.

281.158 SALESMAN, PRINTING SUPPLIES (whole. tr.)
281.358 SALESMAN, BARBER AND BEAUTY SUPPLIES (whole. tr.)
SALESMAN, BOTTLES AND BOTTLING EQUIPMENT (whole. tr.)
SALESMAN, CHURCH FURNITURE AND EQUIPMENT (ret. tr.; whole. tr.)
SALESMAN, CORDAGE (whole. tr.)
SALESMAN, OFFICE MACHINES (ret. tr.; whole. tr.)
Salesman, Adding Machine (ret. tr.; whole. tr.)
Salesman, Addressing Machine (ret. tr.; whole. tr.)
Salesman, Bookkeeping-and-Accounting Machine (ret. tr.; whole. tr.)
Salesman, Calculating Machine (ret. tr.; whole. tr.)
Salesman, Cash Register (ret. tr.; whole. tr.)
Salesman, Check Endorsing-and-Signing Machine (ret. tr.; whole. tr.)
Salesman, Dictating Machine (ret. tr.; whole. tr.)
Salesman, Duplicating Machine (ret. tr.; whole. tr.)
Salesman, Stenographic Machine (ret. tr.; whole. tr.)
Salesman, Typewriter (ret. tr.; whole. tr.)
SALESMAN, SCHOOL EQUIPMENT AND SUPPLIES (whole. tr.)
SALESMAN, SHOE LEATHER AND FINDINGS (whole. tr.)

281.358 Con. SALESMAN, VENDING AND COIN MACHINES (whole. tr.)
281.458 SALESMAN, COMMERCIAL EQUIPMENT AND SUPPLIES (ret. tr.; whole. tr.)

282. Salesmen and Salespersons, Medical and Dental Equipment, Supplies, and Appliances

This group includes occupations concerned with selling dental, medical, and ophthalmic equipment and supplies, such as surgical instruments, dental tools, eyeglasses, orthopedic appliances, artificial limbs, and related hospital supplies.

282.258 SALESMAN, DENTAL AND MEDICAL EQUIPMENT AND SUPPLIES (whole. tr.)
SALESMAN, MEDICAL EQUIPMENT AND SUPPLIES (ret. tr.; whole. tr.)
SALESPERSON, SURGICAL APPLIANCES (ret. tr.)
fitter
surgical-appliance fitter
282.358 SALESMAN, VETERINARIAN SUPPLIES (whole. tr.)
SALESPERSON, HEARING AIDS (ret. tr.)
hearing-aid technician

283. Salesmen and Salespersons, Jewelry and Silverware

This group includes occupations concerned with selling jewelry (including findings and materials, and costume jewelry), clocks, watches, silverware, and related.

283.358 SALESMAN, JEWELRY AND OPTICAL GOODS (whole. tr.)
SALESPERSON, JEWELRY (ret. tr.)
283.458 SALESPERSON, SILVERWARE (ret. tr.)

284. Salesmen and Salespersons, Scientific Apparatus

This group includes occupations concerned with selling engineering, laboratory, and scientific and research instruments; instruments for measuring, controlling, and indicating physical characteristics; and optical instruments, goods, and lenses including microscopes, opera glasses, spectrometers, and photographic lenses.

284.258 SALESMAN, PRECISION INSTRUMENTS (whole. tr.)
284.358 SALESMAN, ENGINEERING SUPPLIES (whole. tr.)

285. Salesmen and Salespersons, Photographic Equipment and Supplies

This group includes occupations concerned with selling such supplies as still and motion picture cameras and projection apparatus; photocopy and microfilm equipment; blueprinting and diazotype (white printing) apparatus and equipment; sensitized film, paper, cloth, plates, and prepared photographic chemicals.

285.358 SALESPERSON, PHOTOGRAPHIC SUPPLIES AND EQUIPMENT (ret. tr.; whole. tr.)
cameraman
salesperson, camera

286. Salesmen and Salespersons, Amusement and Sporting Goods

This group includes occupations concerned with selling amusement devices, such as games and toys; children's vehicles, including bicycles; and sporting and athletic goods, such as firearms, fishing tackle, golf and tennis goods, billiard tables; skates; gymnasium and playground equipment; and bowling alleys and equipment.

286.358 SALESMAN, AMUSEMENT AND SPORTING GOODS (whole. tr.)
SALESMAN, HOBBIES-AND-CRAFTS (whole. tr.)
SALESPERSON, SPORTING GOODS (ret. tr.; whole. tr.)

287. Salesmen and Salespersons, Music and Musical Instruments

This group includes occupations concerned with selling musical instruments, accessories, equipment, supplies, sheet music, and orchestrations.

287.358 SALESMAN, MUSICAL INSTRUMENTS AND ACCESSORIES (whole. tr.)
SALESMAN, PIANO AND ORGAN (ret. tr.; whole. tr.)
SALESPERSON, MUSICAL INSTRUMENTS AND ACCESSORIES (ret. tr.; whole. tr.)
SALESPERSON, SHEET MUSIC (ret. tr.)

289. Salesmen and Salespersons, Commodities, n.e.c.

This group includes occupations, not elsewhere classified, concerned with selling commodities.

289.158 MANUFACTURERS' REPRESENTATIVE (whole. tr.)
manufacturers' agent
SALESMAN, CONTAINERS (whole. tr.)
289.251 TOOL-RENTAL CLERK (bus. ser.)
289.358 SALESMAN, FLORIST SUPPLIES (whole. tr.)
SALESMAN, GENERAL (ret. tr.; whole. tr.)
SALESMAN, GENERAL MERCHANDISE (whole. tr.)
Salesman, Notions (ret. tr.; whole. tr.)
SALESMAN, HOUSE-TO-HOUSE (ret. tr.)
canvasser
peddler
solicitor
SALESMAN, MORTICIAN SUPPLIES (whole. tr.)
salesman, funeral equipment
salesman, undertaker supplies
SALESMAN, NOVELTIES (whole. tr.)
SALESMAN, PUBLICATIONS (whole. tr.)
distributor, publications
SALESMAN, RELIGIOUS SUPPLIES (whole. tr.)
SALESPERSON, BOOKS (ret. tr.)
book clerk
SALESPERSON, PARTS (ret. tr.; whole. tr.)
counter clerk
counterman
parts clerk
parts counterman
parts man
Counterman, Appliance Parts (ret. tr.; whole. tr.)
Counterman, Automotive Parts (ret. tr.; whole. tr.)
Counterman, Farm Equipment Parts (ret. tr.; whole. tr.)
Counterman, Industrial Machinery and Equipment Parts (ret. tr.; whole. tr.)
Counterman, Radio, Television, and Electronics Parts (ret. tr.; whole. tr.)
Counterman, Tractor Parts (ret. tr.; whole. tr.)
Counterman, Truck Parts (ret. tr.; whole. tr.)
SALESPERSON, PETS AND PET SUPPLIES (ret. tr.)
SALESPERSON, STAMPS OR COINS (ret. tr.; whole. tr.)
289.458 SALESPERSON, FLYING SQUAD (ret. tr.; whole. tr.)
salesperson, utility staff
SALESPERSON, GENERAL (ret. tr.; whole. tr.)

29 MERCHANDISING OCCUPATIONS, EXCEPT SALESMEN

This division includes occupations concerned with sales transactions, except those of salesmen and salespersons which are included in Groups 25 and 26, and occupations closely related to sales transactions, even though they do not involve actual participation in such transactions.

290. Sales Clerks

This group includes occupations concerned with selling, usually in a retail store, any of a large variety of inexpensive merchandise, usually without specializing in any single commodity or group of commodities, and not requiring much more knowledge of merchandise than price.

290.358 ELECTRIC-MOTOR-REPAIR CLERK (ret. tr.; whole. tr.)
290.468 GROCERYMAN, JOURNEYMAN (ret. tr.)
MANAGER, BRANCH STORE (clean., dye., & press.; laund.)
SALES ATTENDANT (ret. tr.)
290.478 COUPON-REDEMPTION CLERK (clerical)
SALES CLERK (ret. tr.)
290.877 SALESPERSON, FOOD (ret. tr.)
Fishman (ret. tr.)
Grocery Clerk (ret. tr.)
Meat Counterman (ret. tr.)
Produce Man (ret. tr.)

291. Peddlers

This group includes occupations concerned with hawking and selling merchandise or serv-

ices on street or from door to door, using basket, pushcart, horse and wagon, or truck to carry merchandise. Includes purchasing resalable goods, such as old clothing, waste materials, and newspapers.

291.158 BUYER (ret. tr.; whole. tr.) I
BUYER, JUNK (whole. tr.)
junk collector
junkman
scavenger
Buyer, Metal (ret. tr.; whole. tr.)
Buyer, Paper (ret. tr.; whole. tr.)
Buyer, Rag (ret. tr.; whole. tr.)

291.858 LEI SELLER (ret. tr.)
lei maker
LOUNGE-CAR ATTENDANT (r.r. trans.)
sandwich man
vendor
News Agent (r.r. trans.)
NEWSBOY (print. & pub.) II
salesman, newspaper
newsboy. street sales
PEDDLER (ret. tr.) I
hawker
huckster
vendor
Ice-Cream Man (ret. tr.)
Vegetable Man (ret. tr.)
PILLOW GIRL (motor trans.)
TAGGER (nonprofit organ.; ret. tr.)
VENDOR (amuse. & rec.)
hustler
peddler

291.868 NEWSPAPER CARRIER (print. & pub.)
carrier
delivery boy
newsboy

292. Routemen

This group includes occupations concerned with driving trucks or other vehicles over an established route (combination driver-salesman) to deliver and sell such products as milk, baked goods, tea and coffee, or to collect and deliver laundry and dry cleaning.

292.138 ROUTE SUPERVISOR (any ind.)
division man
manager, route
route boss
route foreman
wholesale foreman

292.168 ROUTEMAN (print. & pub.)
route supervisor

292.358 SALESMAN-DRIVER (any ind.)
commercial chauffeur
deliveryman
delivery-truck driver, light
route agent
route driver
routeman
salesman, route
Bakery-Wagon Driver (bake. prod.)
Ice-Cream Salesman (ret. tr.)
Iceman (ice; ret. tr.)
Laundry Routeman (laund.)
Milkman (dairy prod.)
Salesman, Beverages (whole. tr.)

292.383 NEWSDEALER DELIVERYMAN (print. & pub.)
deliveryman
Rack Runner (print. & pub.)

292.468 LUNCH-TRUCK DRIVER (hotel & rest.)
catering-truck operator
lunch-truck operator

292.483 COIN-VENDING-MACHINE COLLECTOR (bus. ser.)
serviceman

292.887 SALESMAN-DRIVER HELPER (any ind.)
routeman helper

293. Canvassers and Solicitors

This group includes occupations concerned with selling merchandise or services over telephone; or visiting homes to cultivate goodwill and create interest in buying or using services or products; and soliciting funds, either by telephone or in person, for charitable organizations. Includes taking orders for products or services for others to fill.

293.258 OLD-GOLD BUYER (whole. tr).
old-gold broker
SUBSCRIPTION CREW LEADER (ret. tr.)

293.358 CONTRIBUTION SOLICITOR (nonprofit organ.)
charity solicitor
funds solicitor
GOODWILL AMBASSADOR (bus. ser.)
welcome-wagon hostess
City Hostess (bus. ser.)
MEMBERSHIP SOLICITOR (bus. ser.)
field representative
membershipman
representative
SALESMAN, CLUB MEMBERSHIP (any ind.)
SOLICITOR (any ind.)
canvasser
salesman, house-to-house
salesman, outside
TELEPHONE SOLICITOR (any ind.)
telephone salesman

294. Auctioneers

This group includes occupations concerned with selling commodities to highest bidder at public auctions.

294.258 AUCTIONEER (ret. tr.; whole. tr.)
Auctioneer, Art (ret. tr.; whole. tr.)
Auctioneer, Automobile (whole. tr.)
Auctioneer, Furniture (ret. tr.; whole. tr.)
Auctioneer, Livestock (ret. tr.; whole. tr.)
Auctioneer, Real Estate (ret. tr.; whole. tr.)
Auctioneer, Tobacco (whole. tr.)

296. Shoppers

This group includes occupations concerned with visiting competing stores and salesrooms to gather information, such as style, quality, and prices of competitive merchandise, to aid employing establishment in setting its prices and determining its buying policy; suggesting suitable purchases to customers; selecting merchandise for customers from employer's store according to written or telephone requests; and purchasing items from other stores for individual customers.

296.358 PERSONAL SHOPPER (ret. tr.)
personal-service shopper
shopper's aid
special shopper

296.368 CAR LOCATOR (ret. tr.)

296.388 COMPARISON SHOPPER (garment; ret. tr.; whole. tr.)
merchandise shopper
professional shopper
shopper

297. Demonstrators and Models

This group includes occupations concerned with creating buying interest on the part of the public by demonstrating merchandise and answering questions, and frequently selling demonstrated merchandise. Includes modeling wearing apparel by walking gracefully about to display clothing to best advantage before prospective purchasers.

297.258 PLANT HOSTESS (bake. prod.)

297.458 DEMONSTRATOR (ret. tr.; whole. tr.)
Bakery Demonstrator (ret. tr.)
Food Demonstrator (ret. tr.; whole. tr.)
Paint Demonstrator (ret. tr.; whole. tr.)
Toiletries and Cosmetics Sales-Demonstrator (ret. tr.)
INSTRUCTOR, KNITTING (ret. tr.)
INSTRUCTOR, PAINTING (ret. tr.)
INSTRUCTOR, SEWING (ret. tr.)

297.868 MODEL (garment; ret. tr.; whole. tr.)
clothes model
fashion model
house model
manikin
mannequin
merchandise model

298. Display Men and Window Trimmers

This group includes occupations concerned with planning and executing commercial displays, such as those in windows and interiors of retail stores and those used in trade exhibitions.

298.081 DISPLAY MAN (ret. tr.)
decorator
display trimmer
Fashionist (ret. tr.)
Con. Interior-Display Man (ret. tr.)
Model Dresser (ret. tr.)
Showcase Trimmer (ret. tr.)
Window Trimmer (ret. tr.)

298.381 DECORATOR (any ind.) I
commercial decorator

298.884 ADVERTISING-DISPLAY ROTATOR (bus. ser.)

298.887 BILLPOSTER (any ind.)
sniper

299. Merchandising Occupations, Except Salesmen, n.e.c.

This group includes occupations, not elsewhere classified, concerned with sales transactions.

299.138 BUREAU OF STANDARDS SUPERVISOR (ret. tr.)
DEPARTMENT HEAD, SUPERMARKET (ret. tr.)
Produce Department Head (ret. tr.)
FOREMAN, ICE DELIVERY AND STORAGE (ice)
delivery manager
platform supervisor
route supervisor
MANAGER, DEPARTMENT (ret. tr.)
manager, floor
Candy-Department Manager (ret. tr.)
Toy-Department Manager (ret. tr.)
SAMPLE DISTRIBUTOR CREW SUPERVISOR (bus. ser.)
field-advertising representative
SAMPLE-ROOM SUPERVISOR (textile)
sample supervisor

299.158 CONTACT MAN (whole. tr.)
song plugger

299.258 HOME-LIGHTING ADVISER (light, heat, & power)
home-lighting demonstrator

299.287 APPRAISER, AUTOMOBILE (ret. tr.)
PEST-CONTROL REPRESENTATIVE, STRUCTURAL (bus. ser.)
field representative
termite-control salesman

299.358 BRIDAL CONSULTANT (ret. tr.)
wedding consultant
LINEN-CONTROL MAN (laund.)
SALES CLOSER (ret. tr.)

299.368 CUSTOMER-SERVICE SPECIALIST (ret. tr.)
DISTRICT CIRCULATOR (print. & pub.)
street-sales clerk

299.381 CARPET CUTTER (ret. tr.)
Linoleum Cutter (ret. tr.)
CARPET LAYER (ret. tr.)
DRAPERY AND UPHOLSTERY MEASURE MAN (ret. tr.)
upholstery and drapery measureman
Slip-Cover Estimator (ret. tr.)
Window-Shade Estimator (ret. tr.)

299.387 FUR-STORAGE CLERK (ret. tr.)
fur-vault attendant

299.388 STAMP CLASSIFIER (ret. tr.)

299.468 CASHIER-CHECKER (ret. tr.)
Grocery Checker (ret. tr.)
DRESS CHECKER (ret. tr.)
FARMER-ROOM ATTENDANT (whole. tr.)
WILL-CALL CLERK (ret. tr.)

299.478 CONTACT-LENS TECHNICIAN (ret. tr.)
DELIVERY BOY (ret. tr.)

299.484 RADIATOR-ENCLOSURE ESTIMATOR AND INSTALLER (ret. tr.)

299.488 DRAPERY AND UPHOLSTERY ESTIMATOR (ret. tr.)
upholstery and drapery estimator

299.587 BAKERY GIRL (ret. tr.)

299.687 CLOTHING INSPECTOR (nonprofit organ.; whole. tr.)
garment sorter
textile sorter
FURNITURE INSPECTOR (ret. tr.)

299.848 PROMOTION CHARACTER (any ind.)
Christmas Character (any ind.)
SANTA CLAUS (any ind.)
SOUND-TRUCK OPERATOR (amuse.& rec.; bus. ser.)

299.858 CIGARETTE GIRL (hotel & rest.)

299.864 SKATE-SHOP MAN (amuse. & rec.)

299.867 PLATFORM MAN (ice)
bridgeman
ice loader
station man

299.867 storage man
Con.
299.877 BICYCLE-STAND ATTENDANT (amuse. & rec.)
299.884 DRAPERY HANGER (ret. tr.)
installation man, draperies
installer

299.884 OPTICIAN, DISPENSING (ret. tr.)
Con. Spectacles Adjuster (ret. tr.)
299.887 CARPET-LAYER HELPER (ret. tr.)
CLOCK OPERATOR, TOBACCO AUCTION (whole. tr.)

299.887 COAL HIKER (ret. tr.)
Con. PORTER, SAMPLE CASE (whole. tr.)
SAMPLE DISTRIBUTOR (bus. ser.)
SANDWICH MAN (any ind.)
STOCK GIRL, WOMEN'S APPAREL (ret. tr.)
Checker, Fitting Room (ret. tr.)

3 SERVICE OCCUPATIONS

This category includes occupations concerned with performing tasks in and around private households; serving individuals in institutions and in commercial and other establishments; and protecting the public against crime, fire, accidents, and acts of war.

30 **DOMESTIC SERVICE OCCUPATIONS**
This division includes occupations concerned with tasks in and around a private household.

301. **Day Workers**
This group includes occupations concerned with performing such duties in a private house as cleaning, making beds, caring for children, and cooking. Employment is by the day and work may be for several employers. Occupations concerned primarily with washing and ironing are included in Group 302, caring for children in Group 307, and preparation and cooking of food in Group 305.

301.887 DAY WORKER (dom. ser.)

302. **Laundresses, Private Family**
This group includes occupations concerned with washing and ironing clothes and household linens for one or several private families.

302.887 IRONER (dom. ser.)
LAUNDRESS (dom. ser.)
laundry woman
LAUNDRYMAN (dom. ser.)
laundry boy

303. **Housekeepers, Private Family**
This group includes occupations concerned with managing private household, doing housework, planning meals, marketing, cooking, caring for children, and sewing; or directing activities of laundress, cook, maids, or other workers performing these tasks.

303.138 HOUSEKEEPER, HOME (dom. ser.) I
manager, household

303.878 FARM HOUSEKEEPER (dom. ser.)
FARM HOUSEMAID (dom. ser.)
hired girl

304. **Housemen and Yardmen**
This group includes occupations concerned with performing the more laborious household tasks, such as washing walls and windows and shifting furniture, and keeping yards or grounds in orderly condition. Employment may be for one or for several employers.

304.887 MAN-OF-ALL-WORK (dom. ser.)
handyman
odd-job man
utility man
Caretaker (dom. ser.)
Houseman (dom. ser.)
YARDMAN (dom. ser.)
job man
utility man
Gardener (dom. ser.)

305. **Cooks, Domestic**
This group includes occupations concerned with preparing and cooking food, including special diets, for private household.

305.281 COOK (dom. ser.)
Family-Dinner Service Specialist (dom. ser.)

306. **Maids, Domestic**
This group includes occupations concerned with performing a variety of domestic tasks, such as cleaning, dusting, making beds, caring for children, washing, ironing, and cooking.

306.878 MAID, GENERAL (dom. ser.)
housekeeper, home
Homemaker (dom. ser.)
Housekeeper, Working (dom. ser.)
MOTHER'S HELPER (dom. ser.)

307. **Nursemaids**
This group includes occupations concerned with caring for children. Includes such activities as dressing, feeding, bathing, overseeing play, and keeping clothes in good repair.

307.878 NURSEMAID (dom. ser.)
child monitor
nurse, children's
Baby Sitter (dom. ser.)
Nurse, Infants (dom. ser.)

309. **Domestic Service Occupations, n.e.c.**
This group includes occupations, not elsewhere classified, concerned with tasks in and around a private household.

309.138 BUTLER (dom. ser.)
309.878 CLOTHING MAINTENANCE SPECIALIST (dom. ser.)
COACHMAN (dom. ser.)
cabman
COMPANION (dom. ser.)
FOOTMAN (dom. ser.)
butler, second
second man
Man-on-the Box (dom. ser.)
FOSTER MOTHER (dom. ser.)
PERSONAL MAID (dom. ser.)
lady's maid
VALET (dom. ser.)
gentleman's man
man
manservant
man's man

309.999 DOMESTIC COUPLE (dom. ser.)
couple
man and wife

31 **FOOD AND BEVERAGE PREPARATION AND SERVICE OCCUPATIONS**
This division includes occupations concerned with preparing food and beverages and serving them to patrons of such establishments as hotels, clubs, restaurants, and cocktail lounges.

310. **Hostesses and Stewards, Food and Beverage Service, Except Ship Stewards**
This group includes occupations concerned with greeting and seating customers of establishment; and supervising activities of waiters, waitresses, bus boys, storeroom workers, and kitchen and pantry workers, except those actually engaged in food preparation.

310.137 WINE STEWARD (hotel & rest.)
310.138 KITCHEN SUPERVISOR (hotel & rest.)
manager, kitchen
STEWARD (hotel & rest.)
chief steward
executive steward
house steward
STEWARD, BANQUET (hotel & rest.)
STEWARD, RAILROAD DINING CAR (r.r. trans.)
Steward, Club Car (r.r. trans.)

310.287 ANALYST, FOOD AND BEVERAGE (hotel & rest.)
research worker, kitchen

310.868 HOSTESS, RESTAURANT OR COFFEE SHOP (hotel & rest.)
waitress, head
Floor Attendant, Cafeteria (hotel & rest.)
Hostess, Cocktail Lounge (hotel & rest.)
Hostess, Dining Room (hotel & rest.)
Host, Restaurant or Coffee Shop (hotel & rest.)

311. **Waiters, Waitresses, and Related Food Serving Occupations**
This group includes occupations concerned with setting places at dining tables or counters, taking orders for and serving food and drink, answering inquiries relative to items on the menu, and otherwise attending to the wishes of customers.

311.138 COUNTER SUPERVISOR (hotel & rest.)
311.138 WAITER CAPTAIN (hotel & rest.)
Con. captain
Banquet Captain (hotel & rest.)
WAITER, HEAD (hotel & rest.)
Captain, Room Service (hotel & rest.)
WAITER, BANQUET, HEAD (hotel & rest.)

311.878 BUS BOY (hotel & rest.)
clean-up boy
dish carrier
waiter assistant
Banquet Boy (hotel & rest).
Bus Boy, Dishes (hotel & rest.)
Bus Boy, Room Service (hotel & rest.)
Bus Girl (hotel & rest.)
Counter Bus-Boy (hotel & rest.)
Dumbwaiter Operator (hotel & rest.)
Glass Man (hotel & rest.)
Runner (hotel & rest.) I
Setting-Up Boy (hotel & rest.)
Steam-Table Bus-Boy (hotel & rest.)
Water Boy (hotel & rest.)
CAR HOP (hotel & rest.)
drive-in waitress
COOK, STEAM TABLE (r.r. trans.)
COUNTERMAN, CAFETERIA (hotel & rest.)
counter attendant
dish-up man, cafeteria
server
steam-table attendant
Countergirl, Cafeteria (hotel & rest.)
Salad Girl, Cafeteria (hotel & rest.)
Salad Man, Cafeteria (hotel & rest.)
COUNTERMAN, LUNCHROOM OR COFFEE SHOP (hotel & rest.)
counterman, coffee shop or lunchroom
waiter, counter
Countergirl (hotel & rest.)
CRIB OPERATOR (hotel & rest.)
FLOOR GIRL, CAFETERIA (hotel & rest.)
dining-room girl, cafeteria
service girl, cafeteria
table girl, cafeteria
waitress, cafeteria
Coffee Girl, Cafeteria or Restaurant (hotel & rest.)
RAW-BAR MAN (hotel & rest.)
Oysterman (hotel & rest.)
WAITER, BUFFET (hotel & rest.)
Waitress, Buffet (hotel & rest.)
WAITER, DINING CAR (r.r. trans.)
Barman (r.r. trans.)
Pantryman (r.r. trans.)
WAITER, FORMAL (hotel & rest.)
Waiter, Banquet (hotel & rest.)
Waitress, Banquet (hotel & rest.)
WAITER, ROOM SERVICE (hotel & rest.)
waiter, room
waiter, stand
WAITER, INFORMAL (hotel & rest.)
Waitress (hotel & rest.)
WAITER, BAR (hotel & rest.)
waiter, cocktail lounge
Barmaid (hotel & rest.)
Waiter, Tavern (hotel & rest.)
Waitress, Cocktail (hotel & rest.)
WAITRESS, TAKE OUT (hotel & rest.)
WAITER, OUTSIDE DELIVERY (hotel & rest.)
WAITRESS, CAMP (any ind.)
Waiter, Camp (any ind.)

312. **Bartenders**
This group includes occupations concerned with mixing and dispensing alcoholic drinks.

312.878 BAR ATTENDANT (hotel & rest.) I
BARTENDER (hotel & rest.)
bar attendant
barkeeper
barman
Service Bartender (hotel & rest.)
312.887 BAR BOY (hotel & rest.)
bar iceman
bar porter
bar runner
bartender helper
TAPMAN (hotel & rest.)

313. Chefs and Cooks, Large Hotels and Restaurants
This group includes occupations concerned with planning menus, estimating consumption. and/or cooking food in large hotels or restaurants, Workers usually specialize in a particular area.

313.131 CHEF (hotel & rest.)
cook, chief
kitchen chef
Banquet Chef (hotel & rest.)
Chef, Broiler or Fry (hotel & rest.)
Chef, French (hotel & rest.)
Chef, German (hotel & rest.)
Chef, Italian (hotel & rest.)
Chef, Saucier (hotel & rest.)
PASTRY CHEF (hotel & rest.)
SOUS CHEF (hotel & rest.)
chef assistant
chef, under
executive-chef assistant
supervising-chef assistant
Supervising Chef (hotel & rest.)
313.138 BAKER, HEAD (hotel & rest.)
baker, bread, chief
baker chef
COOK, HEAD, SCHOOL CAFTERIA (hotel & rest.)
head cook, school
313.168 EXECUTIVE CHEF (hotel & rest.)
chef de cuisine
chef, head
manager, food production
313.281 CHEF DE FROID (hotel & rest.)
313.381 BAKER, PIZZA (hotel. & rest.)
BAKER, SECOND (hotel & rest.)
COOK (hotel & rest.)
cook, restaurant
Cook, Broiler (hotel & rest.)
Cook, Dessert (hotel & rest.)
Cook, Dinner (hotel & rest.)
Cook, Fry (hotel & rest.)
Cook, Morning (hotel & rest.)
Cook, Night (hotel & rest.)
Cook, Roast (hotel & rest.)
Cook, Sauce (hotel & rest.)
Cook, Soup (hotel & rest.)
Cook, Special Diet (hotel & rest.)
Cook, Vegetable (hotel & rest.)
Food-Service Worker (hotel & rest.)
Roundsman (hotel & rest.)
COOK, SCHOOL CAFETERIA (hotel & rest.)
COOK APPRENTICE (hotel & rest.)
COOK APPRENTICE, PASTRY (hotel & rest.)
baker apprentice, pastry
COOK, BARBECUE (hotel & rest.)
barbecue man
Cook, Roast Pig (hotel & rest.)
COOK, PASTRY (hotel & rest.) II
baker, cake
baker, pastry
cake maker
pastry man or woman
pie maker
COOK, SPECIALTY, FOREIGN FOOD (hotel & rest.)
Cook, Chinese-Style Food (hotel & rest.)
Cook, Italian-Style Food (hotel & rest.)
Cook, Kosher-Style Food (hotel & rest.)
Cook, Spanish-Style Food (hotel & rest.)
313.781 BAKER (hotel & rest.)
baker, bread
bread maker
oven man
Baker, Biscuit (hotel & rest.)
Benchman (hotel & rest.)
Hot-Bread Baker (hotel & rest.)
313.781 Night Baker (hotel & rest.)
Con. Rolls Baker (hotel & rest.)
GARDE MANGER (hotel & rest.)
cold-meat chef
cold-meat man
cook, cold meat
ICE-CREAM MAN (hotel & rest.)
cook, frozen dessert
cook, ice cream
freezer man
ice-cream chef
PIE MAKER (hotel & rest.) I
baker, pie
cook, pastry
cook, pie
pie chef
pieman
313.884 BAKER HELPER (hotel & rest.)
313.887 COOK HELPER, PASTRY (hotel & rest.)
bakeshop cleaner
pastry helper

314. Chefs and Cooks, Small Hotels and Restaurants
This group includes occupations concerned with planning menus, estimating consumption, ordering supplies, and cooking food in small hotels or restaurants.

314.381 COOK, SHORT ORDER (hotel & rest.)
griddle man
Cook, Griddle (hotel & rest.)
Hamburger-Fry Cook (hotel & rest.)
314.781 COOK, SPECIALTY (hotel & rest.)
Cook, Fish and Chips (hotel & rest.)
Cook, Pizza (hotel & rest.)
314.878 COMBINATION MAN (hotel & rest.)
Combination Girl (hotel & rest.)

315. Miscellaneous Cooks, Except Domestic
This group includes occupations concerned with preparing and cooking food in places other than private houses, hotels, or restaurants.

315.131 COOK, CHIEF (water trans.)
PASTRY CHEF (water trans.)
315.138 CHEF, PASSENGER VESSEL (water trans.)
SOUS CHEF (water trans.)
315.381 COOK (any ind.)
cook, mess
Cook, Camp (any ind.)
Cook, Institution (any ind.)
Cook, Ranch (agric.) II
Cook, Ship (water trans.) II
Lunchman (logging)
COOK (fish.)
cook, fishing vessel
COOK, LARDER (water trans.)
garde manger
COOK, MESS (water trans.)
cook, boat
cook, ship
COOK, RAILROAD (r.r. trans.)
chef
Cook, Fry (r.r. trans.)
Pullman Attendant (r.r. trans.)
COOK, RANCH (agric.) I
Cook, Camp (agric.)
COOK, STATION (water trans.)
Cook, Station, Breakfast (water trans.)
Cook, Station, Grill (water trans.)
Cook, Station, Roast (water trans.)
Cook, Station, Soup and Fish (water trans.)
COOK, THIRD (water trans.)
SECOND COOK AND BAKER (water trans.)

316. Meatcutters, Except in Slaughtering and Packing Houses
This group includes occupations concerned with cutting and otherwise preparing meat for cooking in hotels and restaurants, or for sale in wholesale or retail trade. Meatcutter occupations in slaughtering and packing houses are included in Group 525.

316.781 BUTCHER, MEAT (hotel & rest.)
butcher
meat cutter
Butcher, Head (hotel & rest.)
CARVER (hotel & rest.)
display carver
exhibition carver
meat carver
316.884 BUTCHER, CHICKEN AND FISH (hotel & rest.)
chicken-and-fish cleaner
poultry-and-fish butcher
Sales Clerk, Fresh Poultry (ret. tr.)
DELI CUTTER-SLICER (ret. tr.)
MEAT CUTTER (ret. tr.; whole. tr.)
butcher
meat counterman
meatman
salesperson, meats
Meat Inspector (ret. tr.; whole. tr.)
MEAT-CUTTER APPRENTICE (ret. tr.; whole. tr.)
butcher apprentice
meat-counterman apprentice
salesperson apprentice, meats

317. Miscellaneous Food and Beverage Preparation Occupations
This group includes occupations, concerned with preparing food and beverages.

317.884 COFFEE MAN (hotel & rest.)
coffee maker
coffee pantryman
coffee-urn attendant
Coffee Girl (hotel & rest.)
PANTRYMAN (hotel & rest.)
salad maker
Pantrygirl (hotel & rest.)
Salad Girl (hotel & rest.)
Salad Man (hotel & rest.)
PANTRYMAN (water trans.)
SANDWICH MAN (hotel & rest.)
blockman
boardman
sandwich-counter attendant
sandwich maker
Sandwich Girl (hotel & rest.)
317.887 COOK HELPER (hotel & rest.) I
Cook Helper, Broiler or Fry (hotel & rest.)
Cook Helper, Dessert (hotel & rest.)
Cook Helper, Vegetable (hotel & rest.)
Pantryman Helper (hotel & rest.)
FORMULA-ROOM WORKER (medical ser.)
PACKER (hotel & rest.)

318. Kitchen Workers, n.e.c.
This group includes occupations, not elsewhere classified, concerned with performing such duties as washing and drying dishes; polishing silverware; and disposing of garbage and trash.

318.138 KITCHEN STEWARD (hotel & rest.)
floor steward
inside steward
Pantry Steward (hotel & rest.)
318.887 KITCHEN HELPER (hotel & rest.)
cookee
cook helper
kitchen hand
kitchen man
kitchen porter
kitchen runner
Dishwasher, Hand (hotel & rest.)
Dishwasher, Machine (hotel & rest.)
Garbageman (hotel & rest.)
Pot Washer (hotel & rest.)
Silverman (hotel & rest.)
SCULLION (water trans.)
galley man
scullery man
Baker Scullion (water trans.)
Butcher Scullion (water trans.)
Glass Man (water trans.)
Main-Galley Scullion (water trans.)
Scullion Chief (water trans.)
Silverman (water trans.)
Utility Man (water trans.)
Vegetable Scullion (water trans.)
SILVER WRAPPER (hotel & rest.)

319. Food and Beverage Preparation and Service Occupations, n.e.c.
This group includes occupations, not elsewhere classified, concerned with food and beverage preparation and service.

319.137 SUPERVISOR, KOSHER DIETARY SERVICE (hotel & rest.)
moshgiach
overseer, kosher kitchen
supervisor, kashruth

319.138 FOOD-SERVICE SUPERVISOR (hotel & rest.)
dietary aid
Tray-Line Supervisor (medical ser.)
MANAGER, FLIGHT KITCHEN (hotel & rest.)
steward, port
MANAGER, INDUSTRIAL CAFETERIA (hotel & rest.)
dining-service supervisor
319.468 ORDER CLERK, FOOD AND BEVERAGE (hotel & rest.)
order clerk, curb service
room-service clerk
telephone operator, room service
Telephone-Order Clerk, Drive-In (hotel & rest.)
Telephone-Order Clerk, Room Service (hotel & rest.)
WHEELMAN (hotel & rest.)
Aboyeur (hotel & rest.)
319.864 AUTOMAT-CAR ATTENDANT (r.r. trans.)
319.874 CATERER HELPER (per. ser.)
319.878 FOUNTAIN MAN (hotel & rest.)
fountain dispenser
ice-cream dispenser
soda clerk
soda dispenser
soda jerker
Fountain Girl (hotel & rest.)
319.884 FOOD ASSEMBLER, COMMISSARY KITCHEN (hotel & rest.)
food-tray assembler
Cold-Food Packer (hotel & rest.)
Hot-Food Packer (hotel & rest.)
319.887 COUNTER-SUPPLY MAN (hotel & rest.)
319.999 CAMP COUPLE (logging)

32 LODGING AND RELATED SERVICE OCCUPATIONS

This division includes occupations concerned with providing accommodations to guests in boarding houses or lodging houses.

320. Boarding-house and Lodging-house Keepers

This group includes occupations concerned with managing boarding or rooming houses to provide accommodations for transients and/or permanent guests.

320.137 MANAGER, LODGING FACILITIES (hotel & rest.)
Manager, Apartment House (hotel & rest.) II
Manager, Hotel (hotel & rest.) II
Manager, Motel (hotel & rest.)
Manager, Tourist Camp (hotel & rest.)
Manager, Trailer Park (hotel & rest.)
320.138 MANAGER, BOARDING HOUSE (hotel & rest.)
manager, guest house
Manager, Rooming House (hotel & rest.)

321. Housekeepers, Hotels and Institutions

This group includes occupations concerned with supervising workers in maintaining cleanliness and orderliness in hotels or institutions. Some housekeepers purchase housekeeping supplies and equipment and take periodic inventories.

321.138 HOUSEKEEPER (hotel & rest.; medical ser.)
INSPECTRESS (hotel & rest.)
Floor Supervisor (hotel & rest.)

323. Maids and Housemen, Hotels, Restaurants, and Related Establishments

This group includes occupations concerned with general cleaning and upkeep in hotels, restaurants, hospitals, and other institutions. Includes heavy duties, such as laying carpets and rugs and arranging furniture, and light duties, such as making beds, dusting furniture and fixtures, and replenishing linens. Includes performing minor personal services for guests.

323.887 HOUSEMAN (hotel & rest.)
hall boy
houseboy
house cleaner
mover
set-up man
utility man
Curtain Man (hotel & rest.)
Floor Houseman (hotel & rest.)
Houseman, Banquet (hotel & rest.)
Linen-Room Houseman (hotel & rest.)
323.887 Porter, Lobby (hotel & rest.)
Con. Vacuum Man (hotel & rest.)
MAID (any ind.) II
Beauty-Parlor Maid (per. ser.)
Chambermaid (hotel & rest.)
Motel Maid (hotel & rest.)
MAID, HOSPITAL (medical ser.)

324. Bellmen and Related Occupations

This group includes occupations concerned with catering to wants of guests at a hotel or related establishment, and performing general services, such as escorting guests to rooms, carrying luggage, running errands, delivering ice, beverages, and packages, and paging guests.

324.138 BAGGAGE PORTER, HEAD (hotel & rest.)
BELL CAPTAIN (hotel & rest.)
bellman, head
324.878 BAGGAGE PORTER (hotel & rest.)
baggagemen
porter, luggage
BELLMAN (hotel & rest.)
bellboy
bellhop
Page (hotel & rest.)
DOORMAN (any ind.)
carriage man
doorkeeper
footman
ROOM-SERVICE CLERK (hotel & rest.) II
delivery-room clerk
package boy
package clerk
receiving-room clerk
runner

329. Lodging and Related Service Occupations, n.e.c.

This group includes occupations, not elsewhere classified, concerned with providing accommodations to guests in boarding houses or lodging houses.

329.138 SUPERINTENDENT, SERVICE (hotel & rest.)
manager, service
service supervisor
superintendent, house
329.478 RECEIVING-ROOM CLERK (hotel & rest.)
porter, head
329.878 ATTENDANT, LODGING FACILITIES (hotel & rest.)
auto-camp attendant
caretaker, resort
tourist-camp attendant
329.887 CAMP ATTENDANT (any ind.)
bull cook
choreman
Bed Maker (any ind.)
329.999 COUPLE, LODGING FACILITIES (hotel & rest.)
Couple, Apartment House (hotel & rest.)
Couple, Hotel (hotel & rest.)
Couple, Motel (hotel & rest.)
Couple, Resort (hotel & rest.)
Couple, Trailer Park (hotel & rest.)
RESORT COUPLE (hotel & rest.)
caretaker couple

33 BARBERING, COSMETOLOGY, AND RELATED SERVICE OCCUPATIONS

This division includes occupations concerned with rendering beauty and/or related treatments to individuals.

330. Barbers

This group includes occupations concerned with cutting and shaping hair and mustaches, shaving whiskers and/or trimming beards, and giving facial massages, shampoos, and scalp treatments. Includes fitting hair pieces.

330.371 BARBER (per. ser.)
haircutter
tonsorial artist
BARBER APPRENTICE (per. ser.)

331. Manicurists

This group includes occupations concerned with cleaning, shaping, and polishing fingernails, rubbing lotions on hands and/or massaging them.

331.878 MANICURIST (per. ser.)

332. Hairdressers and Cosmetologists

This group includes occupations concerned with waving, cutting, styling, and coloring hair; giving scalp and facial treatments; and performing related tasks to improve the appearance of beauty shop patrons. Includes fitting and servicing wigs.

332.138 SUPERVISOR, MAKE-UP (motion pic.)
332.271 COSMETOLOGIST (per. ser.)
beautician
beauty culturist
beauty operator
cosmetician
Facial Operator (per. ser.)
Finger Waver (per. ser.)
Hair Tinter (per. ser.)
Marceller (per. ser.)
Permanent Waver (per. ser.)
Shampooer (per. ser.)
HAIR STYLIST (per. ser.)
hairdresser
COSMETOLOGIST, APPRENTICE (per. ser.)
beautician apprentice
beauty-culturist
beauty-operator apprentice
cosmetician apprentice
332.381 WIG DRESSER (hairwork; per. ser.)
hairdresser

333. Make-Up Occupations

This group includes occupations concerned with applying cosmetics to face or exposed body areas of actors and actresses to improve their appearance or to alter their expressions to those of the characters they are portraying.

333.271 BODY-MAKE-UP WOMAN (amuse. & rec.)
MAKE-UP MAN (amuse. & rec.; motion pic.)
make-up artist

334. Masseurs and Related Occupations

This group includes occupations concerned with giving massages to patrons of public baths, beauty parlors, reducing salons, or health clubs, using hands and/or vibrating equipment.

334.868 RUBBER (per. ser.) I
bath attendant
rubdown boy
Finnish Rubber (per. ser.)
Russian Rubber (per. ser.)
Turkish Rubber (per. ser.)
334.878 MASSEUR (per. ser.)
bath attendant
bath-house attendant
bathman
rubber
Masseuse (per. ser.)
REDUCING-SALON ATTENDANT (per. ser.)

335. Bath Attendants

This group includes occupations concerned with assisting clients of public bath houses to take Russian, Sauna, Turkish, electric cabinet, sweatbox, or steam baths; providing and stocking towels; and checking money and valuables.

335.878 COOLING-ROOM ATTENDANT (per. ser.)
alcohol rubber
slumber-room attendant
HOT-ROOM ATTENDANT (per. ser.)
electric-bath attendant
porter, bath
public-bath maid
sweat-box attendant
tub boy
Dry-Heat-Cabinet Attendant (per. ser.)
Dry-Heat-Room Attendant (per. ser.)
Shower Attendant (per. ser.)
Steam-Room Attendant (per. ser.)

338. Embalmers and Related Occupations

This group includes occupations concerned with preparing corpses for interment.

338.381 EMBALMER (per. ser.)
EMBALMER APPRENTICE (per. ser.)

339. Barbering, Cosmetology, and Related Service Occupations, n.e.c.

This group includes occupations, not elsewhere classified, concerned with rendering beauty and/or related treatments to individuals.

339.371 ELECTROLOGIST (per. ser.)
electric-needle specialist
electrolysis operator
SCALP-TREATMENT OPERATOR (per. ser.)
hair-and-scalp specialist
scalp specialist
trichologist

339.381 LADY ATTENDANT (per. ser.)
embalmer assistant, female
funeral-home attendant, female
mortuary beautician
339.868 TATTOO ARTIST (per. ser.)
jagger
tattooer
tattooist
339.878 REDUCING-MACHINE OPERATOR (per. ser.)
339.887 SUPPLY CLERK (per. ser.)
dispensary girl
storekeeper

34 **AMUSEMENT AND RECREATION SERVICE OCCUPATIONS**
This division includes occupations concerned with amusement and recreation services.

340. **Attendants, Bowling Alley and Billiard Parlor**
This group includes occupations concerned with assigning alleys and billiard tables to patrons, collecting fees for games played, setting pins, and preparing billiard tables for playing.
340.368 DESKMAN, BOWLING FLOOR (amuse. & rec.)
floorman
340.878 PIN BOY (amuse. & rec.)
alley boy
pin setter
RACKER (amuse. & rec.)
ball racker
houseman
poolroom attendant
table attendant

341. **Attendants, Golf Course, Tennis Court, Skating Rink, and Related Facilities**
This group includes occupations concerned with starting players on golf courses, assigning tennis courts, keeping records of players and receiving fees, giving skating instruction, and caddying for golfers. Includes caddies and workers who issue athletic equipment or skates, etc.
341.138 CADDIE MASTER (amuse. & rec.)
341.368 RECREATION-FACILITY ATTENDANT (amuse. & rec.)
Golf-Course Starter (amuse. & rec.)
Tennis-Court Attendant (amuse. & rec.)
341.865 SKI-TOW OPERATOR (amuse. & rec.)
ski-lift operator
341.878 CADDIE (amuse. & rec.)
golf caddie
341.887 GOLF-RANGE ATTENDANT (amuse. & rec.)

342. **Amusement Device and Concession Attendants**
This group includes occupations concerned with operating games of chance or skill or other types of amusement equipment, such as the ferris wheel, roller coaster, and merry-go-round; and running fairs, carnivals, circuses, or amusement parks. Includes spielers or barkers who solicit patronage.
342.858 BARKER (amuse. & rec.) I
doorman
footman
BARKER (amuse. & rec.) II
ballyhoo man
carney
contact man
pitchman
spieler
CONCESSION ATTENDANT (amuse. & rec.)
game operator
SHILL (amuse. & rec.)
SHOOTING-GALLERY OPERATOR (amuse. & rec.)
WEIGHT GUESSER (amuse. & rec.)
342.863 RIDE OPERATOR (amuse. & rec.)
amusement-equipment operator
Auto-Dodge-'Em Operator (amuse. & rec.)
Auto-Speedway Operator (amuse. & rec.)
Ferris-Wheel Operator (amuse. & rec.)
Flying-Turns Operator (amuse. & rec.)
Merry-Go-Round Operator (amuse. & rec.)
Railroad Operator (amuse. & rec.)
Roller-Coaster Operator (amuse. & rec.)
Speedboat Operator (amuse. & rec.)
Swing-Ride Operator (amuse. & rec.)
Tilt-A-Whirl Operator (amuse. & rec.)
342.863 Train Operator (amuse. & rec.)
Con. Whip Operator (amuse. & rec.)
342.865 FUN-HOUSE OPERATOR (amuse. & rec.)
walk-through-show operator
342.867 BOAT-DOCK OPERATOR (amuse. & rec.)
boat liveryman
WHARF ATTENDANT (amuse. & rec.)
boat-ride operator
dock attendant
BOAT-TANK MAN (amuse. & rec.)
boat attendant
342.877 CABANA BOY (amuse. & rec.)
342.878 RIDE ATTENDANT (amuse. & rec.)
starter

343. **Gambling Hall Attendants**
This group includes occupations concerned with running games of chance in gambling establishments. Includes dealing cards or providing other gambling equipment.
343.138 MANAGER, CARDROOM (amuse. & rec.)
SUPERVISOR, CARDROOM (amuse. & rec.)
floorman
343.368 CARD PLAYER (amuse. & rec.)
public-relations player
proposition player
343.468 FLOORMAN (amuse. & rec.) II
GAMBLING DEALER (amuse. & rec.)
CARDROOM ATTENDANT (amuse. & rec.)
chip girl
houseman
TWENTY-SIX GIRL (amuse. & rec.)
dice girl
343.687 PLASTIC-CARD GRADER, CARDROOM (amuse. & rec.)
card grader
343.858 BOOSTER (amuse. & rec.)
343.878 BOARDMAN (amuse. & rec.) II

344. **Ushers**
This group includes occupations concerned with taking tickets, distributing programs, and escorting patrons to seats in public places.
344.138 USHER, HEAD (amuse. & rec.)
service chief
usher chief
344.868 TICKET TAKER (amuse. & rec.)
doorman
Gateman (amuse. & rec.)
Turnstile Attendant (amuse. & rec.)
344.878 LOBBY MAN (amuse. & rec.)
PRESS-BOX CUSTODIAN (amuse. & rec.)
SPOT MAN (amuse. & rec.)
USHER (amuse. & rec.)

346. **Wardrobe and Dressing-Room Attendants**
This group includes occupations concerned with caring for costumes of entertainers, distributing them, keeping records of those issued and returned, and assisting entertainers in dressing.
346.381 WARDROBE-SPECIALTY WORKER (motion pic.)
346.687 COLORMAN (amuse. & rec.)
346.868 JOCKEY-ROOM CUSTODIAN (amuse. & rec.)
346.878 DRESSER (amuse. & rec.)
DRESSER (per. ser.)
JOCKEY VALET (amuse. & rec.)
SECOND (amuse. & rec.)
STAND-BY (amuse. & rec.)
checker
WARDROBE MISTRESS (amuse. & rec.)
WARDROBE ATTENDANT (amuse. & rec.)
WARDROBE-MISTRESS ASSISTANT (motion pic.; radio & tv broad.)
costumer assistant
custodian, wardrobe
wardrobe draper
wardrobe girl

349. **Amusement and Recreation Service Occupations, n.e.c.**
This group includes occupations, not elsewhere classified, concerned with amusement and recreation services.
349.228 PONY-RIDE OPERATOR (amuse. & rec.)
349.248 DIVER (amuse. & rec.)
349.368 KENNEL MASTER (amuse. & rec.)
RECEIVING-BARN CUSTODIAN (amuse. & rec.)
349.685 SCOREBOARD OPERATOR (amuse. & rec.)
scoreboard boy
349.780 TICKET-DISPENSER MAN (amuse. & rec.)
349.868 HOSTESS (amuse. & rec.)
HOSTESS, HEAD (amuse. & rec.)
349.878 BAT BOY (amuse. & rec.)
CHILDREN'S MATRON (amuse. & rec.)
DRIVE-IN THEATER ATTENDANT (amuse. & rec.)
field man

35 **MISCELLANEOUS PERSONAL SERVICE OCCUPATIONS**
This division includes occupations concerned with those duties performed by stewards and hostesses, not elsewhere classified, and attendants, guides, and the like.

350. **Ship Stewards and Related Occupations**
This group includes occupations concerned with serving passengers, officers, and members of the crew on cargo, passenger, or other vessels. Includes serving food and beverages in dining salon or on deck, and caring for staterooms, bathrooms, and public rooms.
350.138 HEADWAITER (water trans.)
STEWARD, CHIEF, CARGO VESSEL (water trans.)
STEWARD, CHIEF, PASSENGER SHIP (water trans.)
STEWARD, SECOND (water trans.)
Second Steward, Night (water trans.)
Steward, Economy Class (water trans.)
Steward, Second Class (water trans.)
Steward, Third Class (water trans.)
Steward, Tourist Class (water trans.)
STEWARD, THIRD (water trans.)
350.368 STEWARD, LIBRARY (water trans.)
350.878 BELLBOY (water trans.)
MESSMAN (water trans.)
mess attendant
waiter, mess
Messman, Crew (water trans.)
Messman, Fireman (water trans.)
Messman, Officers' Room (water trans.)
Messman, Officers' Salon (water trans.)
Messman, Sailor (water trans.)
STEWARD (water trans.)
Steward, Deck (water trans.)
Steward, Lounge (water trans.)
Steward, Night (water trans.)
Steward, Room (water trans.)
Steward, Smoke Room (water trans.)
STEWARD, BATH (water trans.)
Stewardess, Bath (water trans.)
STEWARDESS (water trans.)
STEWARD, WINE (water trans.)
WAITER (water trans.)
steward, dining room
Waiter, Cabin Class (water trans.)
Waiter, Economy Class (water trans.)
Waiter, First Class (water trans.)
Waiter, Second Class (water trans.)
Waiter, Third Class (water trans.)
Waiter, Tourist Class (water trans.)

351. **Pullman Porters and Train Attendants**
This group includes occupations concerned with providing services to train passengers. Includes preparation of sleeping berths and private compartments; providing newspapers, food, drink, and personal articles on request; and dispensing general information.
351.878 PORTER, PULLMAN (r.r. trans.)

352. **Hostesses and Stewards, n.e.c.**
This group includes occupations, not elsewhere classified, concerned with rendering a variety of personal services, such as seeing that travelers on board bus, airplane, or railroad are made comfortable; and arranging recreational activities for guests in hotels or at places of amusement, or introducing guests to each other.
352.168 DIRECTOR, RECREATION (hotel & rest.; water trans.)
director, social
Hostess, Hotel (hotel & rest.)
352.868 HOST (any ind.)
receptionist
PARLOR MATRON (hotel & rest.)
352.878 AIRPLANE STEWARDESS (air trans.)
airline hostess
airline stewardess
airplane hostess
hostess
stewardess
Airplane Steward (air trans.)
BUS HOSTESS (motor trans.)

352.878 CLUB BOY (hotel & rest.)
Con. waiter, club
HOSTESS, TRAIN (r.r. trans.)
hostess, railway

353. **Guides, Except Hunting and Fishing**
This group includes occupations concerned with escorting individuals or groups on cruises, sightseeing tours, through such places of interest as industrial establishments, public buildings, museums, and art galleries.

353.168 GUIDE, ALPINE (per. ser.)
GUIDE, TRAVEL (per. ser.)
guide, excursion
guide, itinerary
guide, tour
Guide, Cruise (per. ser.)
Guide, Domestic Tour (per. ser.)
Guide, Foreign Tour (per. ser.)

353.368 ATTENDANT, TRAVELING DISPLAY (any ind.)
GUIDE (per. ser.)
guide, visitor
Guide, Delegate (per. ser.)
Guide, Salesman (per. ser.)
GUIDE, ESTABLISHMENT (any ind.)
guide, institution
GUIDE, FACTORY (any ind.)
guide, plant
GUIDE, SIGHTSEEING (per. ser.)
barker
cicerone
spieler
PAGE BOY (radio & tv broad.)
DUDE WRANGLER (amuse. & rec.)

353.868 ESCORT (any ind.)
TRUCK ESCORT (any ind.)

354. **Unlicensed Midwives and Practical Nurses**
This group includes occupations concerned with bathing patients, taking and recording pulse and temperature readings, giving injections, assisting women in childbirth, caring for and feeding infants, giving first aid, and performing similar routine nursing tasks. Knowledge is acquired primarily through practical experience. Licensed practical nursing occupations are included in Group 079.

354.878 FIRST-AID ATTENDANT (any ind.)
nurse, first aid
HOME ATTENDANT (per. ser.)
home health aid
MIDWIFE (medical ser.)
NURSE, PRACTICAL (medical ser.)

355. **Attendants, Hospitals, Morgues, and Related Health Services**
This group includes occupations concerned with attending to the physical comfort, safety, and appearance of patients; performing routine menial tasks; and assisting in conducting occupational and recreational therapy.

355.687 CLOTHES-ROOM WORKER (medical ser.)

355.878 AMBULANCE ATTENDANT (medical ser.)
ATTENDANT, PHYSICAL THERAPY (medical ser.)
physical-therapy aid
CHILD-CARE ATTENDANT, SCHOOL (per. ser.)
COTTAGE PARENT (medical ser.)
EMERGENCY-ENTRANCE ATTENDANT (medical ser.)
ambulance-room attendant
HOSPITAL GUIDE (medical ser.)
hospital messenger
Admitting-Office Guide (medical ser.)
Out-Patient-Clinic Guide (medical ser.)
NURSE AID (medical ser.)
hospital attendant
nursing assistant
Nurse Aid, Central Supply (medical ser.)
Nurse Aid, Delivery (medical ser.)
Nurse Aid, Nursery (medical ser.)
Nurse Aid, Surgery (medical ser.)
ORDERLY (medical ser.)
PSYCHIATRIC AID (medical ser.)
asylum attendant
charge attendant
ward attendant
Ward Supervisor (medical ser.)

355.878 TRAY-LINE WORKER (medical ser.)
Con. tray girl
Nourishment Worker (medical ser.)
Special-Diet Worker (medical ser.)
Cart Boy (medical ser.)

355.887 MORGUE MAN (medical ser.)
diener
morgue attendant

356. **Occupations in Animal Care, n.e.c.**
This group includes occupations, not elsewhere classified, concerned with boarding, breeding, plucking, grooming, cleaning, training, or treating animals in such environments as kennels, veterinary hospitals, zoos, and pets' beauty salons.

356.138 ANIMAL KEEPER, HEAD (amuse. & rec.)
keeper, head
superintendent, menagerie
ANIMAL MAN, HEAD (amuse & rec.)
head, ring stock

356.381 HORSESHOER (any ind.)
blacksmith
farrier
shoer

356.874 ANIMAL CARETAKER (agric.; medical ser.)
animal keeper
ANIMAL KEEPER (amuse. & rec.)
animal caretaker
menagerie caretaker
zoo caretaker
Bear Keeper (amuse. & rec.)
Bird Keeper (amuse. & rec.)
Cat Keeper (amuse. & rec.)
Deer Keeper (amuse. & rec.)
Elephant Keeper (amuse. & rec.)
Mammal Keeper (amuse. & rec.)
Monkey Keeper (amuse. & rec.)
Reptile Keeper (amuse. & rec.)
AQUARIST (amuse. & rec.)
aquarium tankman
tank attendant
tankman
DOG GROOMER (per. ser.)
dog bather
dog beautician
dog-hair clipper
DOG-POUND ATTENDANT (agric.)
pound keeper
GENERAL HELPER, LABORATORY (drug. prep. & rel. prod.)
animal tender
HORSE PUSHER (agric.)
KENNELMAN (agric.)
dog care man
dog handler
STABLEMAN (any ind.)
barn hand
feedman
feedmixer
groom
hostler
liveryman
stable boy
tackman
team tender
Horse Tender (any ind.)
Mule Tender (any ind.)
Stallion Keeper (agric.)
VETERINARY-HOSPITAL ATTENDANT (medical ser.)
veterinary assistant

356.877 PET SHOP ATTENDANT (ret. tr.)

357. **Baggage Porters**
This group includes occupations concerned with carrying bags for passengers in train, bus, and airplane terminals; checking baggage and calling taxicabs; and pushing wheel chairs for invalids. Occupations concerned with handling of baggage for guests of hotels and related establishments are included in Group 324.

357.878 PORTER (air trans.; motor trans.: r.r. trans.)
porter, baggage
redcap
Skycap (air trans.)

358. **Checkroom, Locker Room, and Restroom Attendants**
This group includes occupations concerned with serving clients of checkrooms, locker rooms, or restrooms. Includes storing apparel or valuables, issuing claim checks and returning items on demand; providing towels or soap; and over-seeing children in shower or restrooms of schools and institutions.

358.878 BAGGAGEMAN (motor trans.)
baggage checker
expressman
luggage checker
CHECKROOM ATTENDANT (any ind.)
checkroom man
Baggage Checker (any ind.)
Checkroom Girl (any ind.)
Coat Checker (any ind.)
Hat Checker (any ind.)
Hat-Check Girl (any ind.)
Wrap Checker (any ind.)
CLUBHOUSE BOY (amuse. & rec.)
LOCKER-ROOM ATTENDANT (per. ser.)
cage clerk
dressing-room attendant
floorman
locker attendant
locker-room clerk
personal attendant
suit attendant
REST-ROOM ATTENDANT (any ind.)
lavatory attendant
toilet attendant
washroom attendant
Matron (any ind.)
Rest-Room Maid (any ind.)
MATRON, FACTORY (any ind.)

358.887 CHANGE-HOUSE MAN (any ind.)
dry boss
dry janitor
dryman
wash-house man

359. **Miscellaneous Personal Service Occupations, n.e.c.**
This group includes occupations, not elsewhere classified, concerned with personal services.

359.868 CHAPERON (per. ser.)
ESCORT (per. ser.)
guide escort
HALL ATTENDANT (any ind.)

359.873 CHAUFFEUR (dom. ser.)
driver

359.878 BLIND AID (per. ser.)
blind-man attendant
clerk guide
escort, blind
CHILD-CARE ATTENDANT (gov. ser.)
attendant, children's institution
house parent
special school counselor
FUNERAL ATTENDANT (per. ser.)
deskman
doorman
undertaker assistant
usher
KINDERGARTNER (any ind.)
TEACHER, NURSERY SCHOOL (any ind.)
child-care leader
child-day-care center worker
nursery-school attendant
playroom attendant
WATER BOY (agric.; const.)

359.883 CHAUFFEUR, FUNERAL CAR (per. ser.)
funeral driver
Funeral-Limousine Driver (per. ser.)
Hearse Driver (per. ser.)

359.885 CREMATOR (per. ser.)

359.887 PALLBEARER (per. ser.)

36 **APPAREL AND FURNISHINGS SERVICE OCCUPATIONS**
This division includes occupations concerned with improving the appearance of and repairing clothing, furnishings, and accessories.

361. **Laundering Occupations**
This group includes occupations concerned with washing, drying, and mending garments and household furnishings, such as blankets, curtains, and washable rugs, in commercial laundries. Includes sorting soiled articles;

Laundering Occupations
examining laundered articles for spots, tears, stains, wrinkles, and other defects; and folding laundered articles.

361.138 LAUNDRY FOREMAN (laund.)
Flatwork Foreman (laund.)
Laundry-Marker Supervisor (laund.)
Receiving, Marking, and Washing Foreman (laund.)
Shirt-Ironer Supervisor (laund.)
Sorting - and - Folding Supervisor (laund.)
Washroom Foreman (laund.)

361.448 TICKET GIRL (laund.)
pricer
pricing clerk

361.587 FLATWORK TIER (laund.)

361.687 ASSEMBLER, WET WASH (laund.)
net checker-hanger
CLASSIFIER (laund.)
assorter, soiled articles
conveyor boy or girl
separator
soiled linen distributor
sorter, soiled articles
LINEN GRADER (laund.)
DETACHER (laund.)
SHORT GIRL (laund.)
keno girl

361.782 RUG CLEANER, MACHINE (clean., dye., & press.)

361.884 LAUNDRYMAN, HAND (laund.)
Laundress, Hand (laund.)
LAUNDRYMAN (any ind.) I
camp-laundry operator
company laundryman

361.885 CARDING-MACHINE OPERATOR (laund.)
blanket comber
CONDITIONER-TUMBLER OPERATOR (laund.)
CONTINUOUS-TOWEL ROLLER (laund.)
towel-rolling-machine operator
LAUNDRYMAN (any ind.) II
Bag Washer (any ind.)
Cloth Washer (any ind.)
Color-Straining-Bag Washer (textile)
Oil-Rag Washer (any ind.)
Wiping-Rag Washer (waste & batting)
PATCHING-MACHINE OPERATOR (laund.)
STARCHER (laund.)
starchmaker
Shirt Starcher (laund.)
WASHER, MACHINE (laund.)
laundryman
starch washerman
steam cleaner, machine
washman
wet cleaner, machine
wet-washer, machine
Flat Washerman (laund.)
Isolation-Wash Man (laund.)
Overall Washerman (laund.)
Rag Washerman (laund.)
Washer, Blanket (laund.)

361.886 WASHER HELPER, MACHINE (laund.)
wet-cleaner helper, machine
WASHING-MACHINE LOADER AND PULLER (laund.)
Puller (laund.)
Washing-Machine Loader (laund.)

361.887 LAUNDRY LABORER (laund.)
bundle clerk
bundle-conveyor boy
Bundle Weigher (laund.)
Chute Girl (laund.)
Clip Boy (laund.)
Linen-Supply-Room Boy (laund.)
Net Sorter (laund.)
Pin Boy (laund.)
Pin Girl (laund.)
Pin Sorter and Bagger (laund.)
Washing-Machine Loader (laund.)
LEGGER, OVERALL (laund.)
SHAKER, WEARING APPAREL (laund.)
shake-out girl, wearing apparel
WASHER, HAND (laund.)
wash girl, hand

362. **Dry Cleaning Occupations**
This group includes occupations concerned with washing garments, furs, hats, rugs, and other household furnishings with cleaning solvents, in drycleaning plants. Includes washing unusually soiled articles with water, which may or may not be preparatory to washing them with solvents.

362.137 SPOTTER, HEAD (clean., dye., & press.)

362.381 SPOTTER (clean., dye., & press.)
Silk Spotter (clean., dye., & press.)
Wool Spotter (clean., dye., & press.)

362.782 DRY CLEANER (clean., dye., & press.)
dry-cleaning-machine operator
Dry Cleaner, Rug (clean., dye., & press.)
DRY-CLEANER APPRENTICE (clean., dye., & press.)
dry-cleaning-machine-operator apprentice

362.884 DRY CLEANER, HAND (clean., dye., & press.)
FUR CLEANER (clean., dye., & press.)
fur dry-cleaner
furrier
sawdust-machine operator
FUR CLEANER, HAND (clean., dye., & press.)
fur dry-cleaner, hand
FURNITURE CLEANER (clean., dye., & press.)
dry cleaner, furniture, hand
furniture shampooer
LEATHER CLEANER (clean., dye., & press.)
SPOTTER (laund.)

362.885 FEATHER RENOVATOR (laund.)
pillow cleaner

362.886 DRY-CLEANER HELPER (clean., dye., & press.)
cleaner assistant
cleaner helper
dry-cleaning-machine-operator helper
HAT CLEANER (clean., dye., & press.)
RUG-CLEANER HELPER (clean., dye., & press.)

362.887 GLOVE CLEANER, HAND (clean., dye., & press.)
LINING SCRUBBER (clean., dye., & press.)
brusher-down
lining brusher
lining cleaner
SHAVER (clean., dye., & press.)
STEAMER (clean., dye., & press.)

363. **Pressing Occupations**
This group includes occupations concerned with removing wrinkles from and restoring shape or giving finish to cloth articles by the application of tension or pressure in commercial laundries, dry cleaning plants, and valet shops. The pressure method is usually accompanied by heat or steam.

363.781 SILK FINISHER (clean., dye., & press.)
Finisher, Hand (clean., dye., & press.)
Form-Finishing-Machine Operator (clean., dye., & press.; laund.)
Hot-Head-Machine Operator (clean., dye., & press.; laund.)
Pleat Presser (clean., dye., & press.)
Puff-Iron-Operator (clean., dye., & press.; laund.)
Tie Presser (clean., dye., & press.)
Velvet Steamer (clean., dye., & press.)

363.782 ALL-AROUND PRESSER (clean., dye., & press.)
combination presser
LEATHER FINISHER (clean., dye., & press.)
presser, leather garments
PRESSER, MACHINE (any ind.)
buck presser
finisher, machine
flattening-machine operator
ironer, machine
pressing-machine operator
press operator
steam flattener
steam-heated-power-press operator
steam presser
steam-press operator
Armhole - and - Shoulder Off - Presser (garment)
Band Presser (garment)
Coat Presser (any ind.)
Collar Fuser (garment)

363.782 Con.
Form-Press Operator (clean., dye., & press.; laund.)
Jump-Iron-Machine Presser (garment)
Legger-Press Operator (clean., dye., & press.; laund.)
Lining Presser (clean., dye., & press.)
Mushroom-Press Operator (clean, dye., & press.; laund.)
Pants Presser (any ind.)
Puff-Iron Operator (clean., dye., & press.; laund.)
Shirt Finisher (garment)
Silk Presser (garment)
Topper-Press Operator (clean., dye., & press.; laund.)
Topper-Press Operator, Automatic (clean., dye., & press.; laund.)
Vest-Front Presser (garment)
Wash-Clothes Presser (clean., dye., & press.)
Wool Presser (clean., dye., & press.)

363.884 BLOCKER (clean., dye., & press.)
blocking girl
boucle finisher
knitted-garment finisher
knitted-goods shaper
presser-and-blocker, knitted goods
presser-and-shaper, knitted goods
HAT BLOCKER (clean., dye., & press.)
hat finisher
hat man
Brim Blocker (clean., dye., & press.)
Crown Blocker (clean., dye., & press.)
Crown-Ironer Operator (clean., dye., & press.)
IRONER, CORONETS (laund.)
PRESSER, HAND (any ind.)
finisher, hand
ironer, hand
Coat Ironer, Hand (garment)
Cotton Presser (garment)
Flatwork Finisher, Hand (laund.)
Lining Presser (clean., dye., & press.; garment)
Piece Presser (garment)
Pocket Presser (garment)
Seam Presser (garment)
Underpresser, Hand (garment)
Vest Presser (garment)
Waist Presser (garment)
Wearing-Apparel Finisher, Hand (laund.)

363.885 HANDKERCHIEF PRESSER (laund.)
handkerchief ironer
PRESSER, FORM (any ind.)
blocker
pressing-machine operator
PRESS OPERATOR (laund.)
wearing-apparel presser
PRESS OPERATOR, AUTOMATIC (laund.)
Shirt-Press Operator, Automatic (laund.)
SHIRT PRESSER (laund.)
Body Presser (laund.)
Bosom Presser (laund.)
Detached - Collar - Machine Operator (laund.)
Shirt-Collar-and-Cuff Presser (laund.)
Shirt Folder (laund.)
Yoke Presser (laund.)

363.886 FLATWORK FINISHER (laund.)
flatwork-machine operator
Flatwork Catcher (laund.)
Flatwork Feeder (laund.)
Flatwork Folder (laund.)
Shaker, Flatwork (laund.)

363.887 DETACHED-COLLAR FINISHER (laund.)
GLOVE FORMER (clean., dye., & press.; glove & mit.)
glove finisher
glove-lay-out man
glove presser
glove turner and former
ironer
layer-off

363.887 IRONER, SOCK (laund.)
Con. sock-and-stocking ironer
sock drier
sock folder
PUFF IRONER (laund.)
baller
puffer
STRETCHER-DRIER OPERATOR (clean., dye., & press.; laund.)
carder, blankets
curtain drier
curtain framer
curtain girl
curtain stretcher
stretcher operator

364. Dyeing and Related Occupations
This group includes occupations concerned with changing the color of articles by means of dyes. Involves knowledge of composition of textiles being dyed and of reagents, such as acids, alkalies, soap and dyes, and their effect on textiles.

364.381 PAINTER, RUG TOUCH-UP (clean., dye., & press.)
RUG DYER (clean., dye., & press.) I
364.781 DYER (clean., dye., & press.)
sample dyer
364.884 RUG DYER (clean., dye., & press.) II
SHOE DYER (per. ser.)
shoe tinter
SPRAYER, LEATHER (clean., dye., & press.)
spray dyer
364.887 DYER HELPER (clean., dye., & press.)
dyer assistant
dye-room helper
RUG-DYER HELPER (clean., dye., & press.)
RUG STEAMER (clean., dye., & press.)
rug brusher
rug finisher

365. Shoe and Luggage Repairmen and Related Occupations
This group includes occupations concerned with resoling, reheeling, and otherwise repairing shoes. Includes repair and renovation of hand luggage, such as handbags, briefcases, golf club bags, and hatboxes, and also trunks and other heavy luggage made of leather, plastic, fiber, and other materials.

365.381 LUGGAGE REPAIRMAN (any ind.)
hand-luggage repairman
Trunk Repairman (any ind.)
SHOE REPAIRMAN (per. ser.)
cobbler
jackman
shoemaker
Shoe-Repair Foreman (per. ser.)
365.884 SHOE-REPAIRMAN HELPER (per. ser.)

366. Bootblacks and Related Occupations
This group includes occupations concerned with cleaning and polishing shoes.

366.878 BOOTBLACK (per. ser.)
boot polisher
shine boy
shoe polisher
shoe-shine boy

369. Apparel and Furnishings Service Occupations, n.e.c.
This group includes occupations, not elsewhere classified, concerned with improving the appearence of, and repairing clothing, furnishings, and accessories.

369.137 FOREMAN, RUG CLEANING (clean., dye., & press.)
369.138 DRY-CLEANING SUPERINTENDENT (clean., dye., & press.)
369.387 RUG MEASURER (clean., dye., & press.; ret. tr.)
rug-receiving clerk
369.468 REPAIR ESTIMATOR (per. ser.)
repair clerk
369.478 CURB BOY (clean., dye., & press.; laund.)
doorman
service boy
SERVICE-ESTABLISHMENT ATTENDANT (per. ser.)
369.587 VAULT CUSTODIAN (clean., dye., & press.)
369.687 ASSEMBLER (clean., dye., & press.; laund.)
distributor
matcher
shelf girl
subsorter
Flatwork Assembler (clean., dye., & press.; laund.)
Wearing-Apparel Assembler (clean., dye., & press.; laund.)
CHECKER (clean., dye., & press.; laund.)
Return Checker (laund.)
Wrapper-Assembler (clean., dye., & press.; laund.)
INSPECTOR (clean., dye., & press.)
garment examiner
Sewing Inspector (clean., dye., & press.)
RUG INSPECTOR (clean., dye., & press.)
369.782 CLEANER AND PRESSER (clean., dye., & press.)
FUR IRONER (clean., dye., & press.) I
electrifier
369.877 LAUNDERETTE ATTENDANT (clean., dye., & press.; laund.)
attendant, coin operated laundry
attendant, laundry-and-dry-cleaning service
self-service-laundry-and-dry-cleaning attendant
washateria attendant
369.884 FUR GLAZER (clean., dye., & press.)
fur glosser
HATTER (clean., dye., & press.)
hat renovator
HATTER HELPER (clean., dye., & press.)
LAUNDRY OPERATOR (laund.)
Laundry Operator, Finishing (laund.)
Laundry Operator, Washroom (laund.)
RUG CLEANER, HAND (clean., dye., & press.)
carpet cleaner
rug renovator
rug scrubber
rug shampooer
rug washer
UMBRELLA REPAIRMAN (any ind.)
369.885 FUR BLOWER (ret. tr.)
blower
FUR CLEANER, MACHINE (clean., dye., & press.; ret. tr.; whole. tr.)
fur beater
fur drummer
fur dry-cleaner
furrier
sawdust-machine operator
FUR-GLAZING-AND-POLISHING-MACHINE OPERATOR (clean., dye., & press).
fur ironer
Fur-Polishing-Machine Operator (clean., dye., & press.)
RUG-CONVEYOR OPERATOR (clean., dye., & press.)
hangman
RUG-DRY-ROOM ATTENDANT (clean., dye., & press.)
SHIRT-FOLDING-MACHINE OPERATOR (garment; laund.)
shirt folder, machine
TUMBLER OPERATOR (clean., dye., & press.; laund.)
drier operator
drying-machine operator
drying-tumbler operator
tumbler-drier operator
tumbler man
369.886 FOLDING-MACHINE OPERATOR (laund.)
369.887 FOLDER (laund.)
Shirt Folder (laund.)
Wearing-Apparel Folder (laund.)
LAUNDRYMAN (any ind.) III
MARKER (clean., dye., & press.; laund.)
clothes marker
countergirl
counterman
entry clerk
garment marker
receiving checker

37 PROTECTIVE SERVICE OCCUPATIONS
This division includes occupations concerned with protecting the public against crime, fire, accidents, and acts of war.

371. Crossing Watchmen and Bridge Tenders
This group includes occupations concerned with guarding railroad crossings to warn motorists and pedestrians of approaching trains; and opening bridges so vessels may pass.

371.782 BRIDGE OPERATOR (r.r. trans.) I
bridgeman
bridge tender
BRIDGE OPERATOR (r.r. trans.) II
bridgeman
drawbridge operator
371.868 SCHOOL-CROSSING GUARD (gov. ser.)
school patrolwoman
WATCHMAN, CROSSING (any ind.)
crossing tender
flagman
gateman, crossing
watchman, grade crossing

372. Guards and Watchmen, Except Crossing Watchmen
This group includes occupations concerned with guarding property from illegal entry, fire, and theft, and enforcing safety regulations. Includes the custody and discipline of prisoners.

372.168 GUARD, CHIEF (any ind.)
Guard, Captain (any ind.)
Guard, Lieutenant (any ind.)
Guard, Sergeant (any ind.)
Plant-Protection Supervisor (any ind.)
Security Chief, Museum (museum)
372.268 SPECIAL AGENT (r.r. trans.)
372.868 ARMORED-CAR GUARD (bus. ser.)
armored-car messenger
BODYGUARD (per. ser.)
undercover agent
CORRECTION OFFICER (gov. ser.)
guard
Correction Officer, City or County Jail (gov. ser.)
Correction Officer, Penitentiary (gov. ser.)
Correction Officer, Reformatory (gov. ser.)
Guard, Deputy (gov. ser.)
JAILER (gov. ser.)
jail keeper
turnkey
FLAGMAN (const.)
GATEMAN (any ind.)
gatekeeper
gate tender
guard
plant-protection man
watchman, gate
Controlled-Area Checker (any ind.)
STAGE-DOOR MAN (amuse. & rec.)
WATCHMAN, SET (motion pic.; radio & tv broad.)
GUARD (any ind.) I
armed guard
floorman
patrolman
special policeman
watchman
Coin-Vault Guard (any ind.)
Guard, Museum (museum)
Watchman, Racetrack (amuse. & rec.)
GUARD, IMMIGRATION (gov. ser.)
SECURITY INSPECTOR (gov. ser.)
WATCHMAN (any ind.) I
guard
patrolman
special policeman
Armed Guard (r.r. trans.)
Camp Watchman (any ind.)
Day Watchman (any ind.)
Deck Watchman (fish.; water trans.)
Dock Watchman (any ind.)
Fire Patrolman (logging)
Night Watchman (any ind.)
Park Watchman (amuse. & rec.)
Powder Watchman (const.)
Warehouse Watchman (any ind.)
MERCHANT PATROLMAN (bus. ser.)
doorshaker
private patrolman
street patrolman

372.887 CONVOY GUARD (any ind.)

373. **Firemen, Fire Department**

This group includes occupations concerned with fighting fires; and inspecting fire-fighting equipment, factories, places of amusement and other establishments, to detect unsafe conditions and to recommend improvements or repairs which will reduce fire hazards.

373.118 FIRE CHIEF (gov. ser.)
chief engineer

373.168 BATTALION CHIEF (gov. ser.)
CAPTAIN, FIRE-PREVENTION BUREAU (gov. ser.)
FIRE CAPTAIN (gov. ser.)
FIRE INSPECTOR (gov. ser.)
FIRE MARSHAL (any ind.)
fire chief
Fire Marshal, Refinery (petrol. refin.)
FIRE CHIEF (sawmill)

373.884 FIRE FIGHTER (any ind.)
fireman
FIRE FIGHTER, CRASH (air. trans.)

375. **Policemen and Detectives, Public Service**

This group includes occupations concerned with protecting the public; maintaining law and order; detecting and preventing crime; directing and controlling motor traffic; and investigating and apprehending suspects in criminal cases.

375.118 POLICE CHIEF (gov. ser.)
police inspector, chief
superintendent, police
Police Commissioner (gov. ser.) II

375.138 DESK OFFICER (gov. ser.)
Desk Captain (gov. ser.)
Desk Lieutenant (gov. ser.)
Desk Sergeant (gov. ser.)
DESK OFFICER, CHIEF (gov. ser.)
Desk Captain, Chief (gov. ser.)
Desk Lieutenant, Chief (gov. ser.)
Desk Sergeant, Chief (gov. ser).
SECRETARY OF POLICE (gov. ser.)
police-department secretary

375.168 COMMANDING OFFICER, HARBOR-POLICE (gov. ser.)
Harbor-Police Captain (gov. ser.)
Harbor-Police Lieutenant (gov. ser.)
COMMANDING OFFICER, HOMICIDE SQUAD (gov. ser.)
Homicide-Squad Captain (gov. ser.)
Homicide-Squad Lieutenant (gov. ser.)
Homicide-Squad Sergeant (gov. ser.)
COMMANDING OFFICER, INVESTIGATION DIVISION (gov. ser.)
commanding officer, vice squad
Investigation Division Captain (gov. ser.)
Investigation Division Lieutenant (gov. ser.)
Investigation Division Sergeant (gov. ser.)
COMMANDING OFFICER, MOTORCYCLE SQUAD (gov. ser.)
Commanding Officer, Traffic Division (gov. ser.)
Motorcycle-Squad Captain (gov. ser.)
Motorcycle-Squad Lieutenant (gov. ser.)
Motorcycle-Squad Sergeant (gov. ser.)
COMMANDING OFFICER, MOTOR EQUIPMENT (gov. ser.)
commanding officer, garage
commanding officer, vehicle maintenance unit
Motor-Equipment Captain (gov. ser.)
Motor-Equipment Lieutenant (gov. ser.)
Motor-Equipment Sergeant (gov. ser.)
DETECTIVE CHIEF (gov. ser.)
chief detective
commanding officer, detectives
detective-bureau chief
Commanding Officer, Automobile Section (gov. ser.)
Detective Captain (gov. ser.)
Detective Lieutenant (gov. ser.)
HARBOR MASTER (gov. ser.)
port warden

375.168 MATRON, HEAD (gov. ser.)
Con. correction matron, sergeant
PILOT, HIGHWAY PATROL (gov. ser.)
POLICE CAPTAIN, PRECINCT (gov. ser.)
captain
Police Lieutenant, Precinct (gov. ser.) II
Police Sergeant, Precinct (gov. ser.) II
POLICE LIEUTENANT, PRECINCT (gov. ser.) I
district lieutenant
field lieutenant
precinct lieutenant
uniform-force lieutenant
POLICE SERGEANT, PRECINCT (gov. ser.) I
detail sergeant
division sergeant
patrol sergeant
sergeant
squad sergeant
Police Sergeant, Radio Patrol (gov. ser.)
SPECIAL AGENT, FBI (gov. ser.)
TRAFFIC LIEUTENANT (gov. ser.)
TRAFFIC SERGEANT (gov. ser.)

375.228 POLICE-ACADEMY INSTRUCTOR (gov. ser.)
drillmaster

375.268 DETECTIVE (gov. ser.)
plain-clothesman
Detective, Automobile Section (gov. ser.)
Detective, Precinct (gov. ser.)
Detective, Sergeant (gov. ser.)
INVESTIGATOR, NARCOTICS (gov. ser.)
narcotics investigator
PATROL CONDUCTOR (gov. ser.)
rear-end man
wagonman
wagon patrolman
PATROLMAN (gov. ser.)
private
Ambulance Driver (gov. ser.)
Dance-Hall Inspector (gov. ser.)
Emergency-Detail Driver (gov. ser.)
Motorcycle Patrolman (gov. ser.)
Mounted Policeman (gov. ser.)
Patrol Driver (gov. ser.)
Pool-Hall Inspector (gov. ser.)
Radio Patrolman (gov. ser.)
Show Inspector (gov. ser.)
Traffic Patrolman (gov. ser.)
ACCIDENT-PREVENTION-SQUAD PATROLMAN (gov. ser.)
crash-squad patrolman
HOMICIDE-SQUAD PATROLMAN (gov. ser.)
VICE-SQUAD PATROLMAN (gov. ser.)
morals-squad patrolman
POLICE INSPECTOR (gov. ser.) I
division commander
police captain, senior
Police Chief, Deputy (gov. ser.)
POLICE INSPECTOR (gov. ser.) II
Inspector, Pawnshop Detail (gov. ser.)
POLICEWOMAN (gov. ser.)
matron
woman-protective officer
STATE-HIGHWAY PATROLMAN (gov. ser.)
state trooper

375.388 FINGERPRINT CLASSIFIER (gov. ser.)
fingerprint expert

375.588 PARKING ENFORCEMENT OFFICER (gov. ser.)
Meter Maid (gov. ser.)
Policewoman, Parking (gov. ser.)

375.868 BORDER PATROLMAN (gov. ser.)
MATRON (gov. ser.) II
correction matron
supervisor, education and custody

376. **Policemen and Detectives, Except in Public Service**

This group includes occupations concerned with policing private property to prevent thievery, malicious damage, and dishonesty among employees or patrons; and to maintain order. Includes investigating irregularities concerning fire, sabotage, or unlawful intrusion, and conducting private investigations on a fee basis.

376.268 DETECTIVE (bus. ser.)
private eye
private investigator
undercover agent
undercover operator

376.268 SHOPPING INVESTIGATOR (bus. ser.)
Con. investigator
service auditor
shopping inspector
spotter

376.868 ALARM INVESTIGATOR (any ind.)
armed guard
investigator operator
DETECTIVE (any ind.) I
investigator
INVESTIGATOR (light, heat, & power)
STORE DETECTIVE (ret. tr.)
house detective
protection operator
secret-service operator
UNDERCOVER OPERATOR (ret. tr.)
undercover agent
DETECTIVE (any ind.) II
Detective, Bowling Alley (amuse. & rec.)
Special Officer, Automat (hotel & rest.)
FLOORMAN (amuse. & rec.) I
bouncer
house detective
houseman
Floorman, Dance Hall (amuse. & rec.)
Fun-House Attendant (amuse. & rec.)
Ice Guard, Skating Rink (amuse. & rec.)
HOUSE OFFICER (hotel & rest.)
house detective
security man
special officer
PATROLMAN (r.r. trans.)
Gate Guard (r.r. trans.)
Right-of-Way Inspector (r.r. trans.)
Station Patrolman (r.r. trans.)
Yard Patrolman (r.r. trans.)

377. **Sheriffs and Bailiffs**

This group includes occupations concerned with enforcing law and order in rural or unincorporated districts; maintaining order in court; and serving summonses.

377.868 BAILIFF (gov. ser.)
court officer
court sergeant
SHERIFF, DEPUTY (gov. ser.)
deputy sheriff

378. **Soldiers, Sailors, Marines, Airmen, and Coast Guardsmen, n.e.c.**

This group includes occupations, not elsewhere classified, concerned with protecting the nation from enemies and maintaining peace and order during times of martial law or civil disobedience.

378.999 ENLISTED MAN (gov. ser.)
serviceman
Airman (gov. ser.)
Coast Guardsman (gov. ser.)
Marine (gov. ser.) I
Sailor (gov. ser.)
Soldier (gov. ser.)
ENLISTED WOMAN (gov. ser.)
servicewoman
Marine (gov. ser.) II
Spar (gov. ser.)
Wac (gov. ser.)
Waf (gov. ser.)
Wave (gov. ser.)

379. **Protective Service Occupations, n.e.c.**

This group includes occupations, not elsewhere classified, concerned with protective service.

379.168 ALARM OPERATOR (gov. ser.)
fire-alarm dispatcher
CUSTOMS-ENFORCEMENT OFFICER (gov. ser.)
FISH AND GAME WARDEN (gov. ser.)
conservation officer
game and fish protector
game warden
guard, range
Fish Protector
Fish-and-Game Warden, Marine Patrol
Game Protector

379.268 DEMONSTRATOR, SAFE-DRIVING EQUIPMENT (any ind.)

379.268 DRIVERS' LICENSE EXAMINER (gov. ser.)
Con. INSPECTOR, PRECINCT (gov. ser.)
379.368 DISPATCHER, RADIO (gov. ser.)
dispatcher
police radio dispatcher
station operator
379.381 LIGHTHOUSE KEEPER (gov. ser.)
379.384 AUTOMOBILE TESTER (gov. ser.)
motor-vehicle inspector
safety inspector
vehicle-safety inspector
379.387 FIRE INSPECTOR (any ind.)
fireman, industrial
fire patrolman
fire watcher
FIREMAN, STAGE (amuse. & rec.)
inspector, public assemblage
379.388 PROTECTIVE-SIGNAL OPERATOR (clerical)
drop-board man
d-x board man
operator, circuit
operator, direct wire
signal timer
379.687 SPRINKLER-FIRE-EXTINGUISHER INSPECTOR (any ind.)
fire-apparatus inspector
379.868 GOLF-COURSE RANGER (amuse. & rec.)
golf-course patrolman
park patrolman
LIFEGUARD (amuse. & rec.)
SKI PATROLMAN (amuse. & rec.)
379.878 DOG CATCHER (gov. ser.)
dog warden
Humane Officer (gov. ser.)
379.884 SKIN DIVER (any ind.)
frogman
salvage diver
scuba diver
SMOKE JUMPER (gov. ser.)
379.887 MILK SAMPLER (gov. ser.)
assistant-milk sanitarian
sampler
MOSQUITO SPRAYER (gov. ser.)
hand-spray operator
OPERATING AID (bus. ser.)
tape attendant

38 **BUILDING AND RELATED SERVICE OCCUPATIONS**

This division includes occupations concerned with the cleaning and upkeep of building interiors and the conveying of passengers and freight by elevator.

381. **Porters and Cleaners**

This group includes occupations concerned with cleaning buildings, furniture, and equipment. Includes sweeping, dusting, mopping, polishing floors and walls, and disposing of trash.

381.137 CHARWOMAN, HEAD (any ind.)
floorwoman, building maintenance
PORTER, HEAD (any ind.)
head janitor
janitor foreman
381.887 CHARWOMAN (any ind.)
cleaning girl
cleaning maid
cleaning woman
381.887 Con.
clean-up girl
clean-up woman
dust woman
janitress
maid
matron
portress
scrub girl
scrub woman
Hall Cleaner (hotel & rest.)
Light Cleaner (any ind.)
Marble Cleaner (any ind.)
CLEANER, LABORATORY EQUIPMENT (any ind.)
clean-up man
equipment washer
laboratory aid
laboratory assistant
laboratory helper
laborer, laboratory
tester helper
utility man, laboratory
Glass Washer, Laboratory (any ind.)
PATCH MAN (agric.)
PORTER (any ind.) I
clean-up man
housekeeper
house officer
janitor
laborer, building maintenance
sanitary man
sweeper
Brass Polisher (any ind.)
Floor Cleaner (any ind.)
Floor Mopper (any ind.)
Floor Scourer (any ind.)
Floor Scrubber (any ind.)
Floor Sweeper (any ind.)
Floor Tender (any ind.)
Janitor, Assay Office (ore dress., smelt., & refin.)
Janitor, Mill (ore dress., smelt., & refin.)
Metal Polisher (any ind.)
Lunch-Room Attendant (any ind.)
Paint Cleaner (any ind.)
Precinct Doorman (gov. ser.)
Scrubbing-Machine Operator (any ind.)
Swimming-Pool Attendant (amuse. & rec.)
ALLEYMAN (amuse. & rec.)
PORTER (any ind.) II
cleaner
clean-up man
janitor
sanitor
scrubber
sweeper
trash man
utility man
vacuum cleaner
waste collector
Alleyman (textile)
Can-Filling-Room Sweeper (malt liquors)
Casting-and-Locker-Room Serviceman (plastics mat.)
Ceiling Cleaner (any ind.)
381.887 Con.
Clean-Up Man, Spray Room (inst. & app.)
Engine-Room Cleaner (any ind.)
Overhead Cleaner (any ind.)
Sweeper, Filling Room (malt liquors)
PORTER (motion pic.)

382. **Janitors**

This group includes occupations concerned with cleaning buildings and keeping them in good repair; performing minor painting, plumbing, and carpentry tasks; and firing and tending furnaces and boilers.

382.138 FOREMAN, MAINTENANCE (chem.)
labor foreman
382.884 JANITOR (any ind.) I
superintendent, building
Manager, Resident (any ind.)

388. **Elevator Operators**

This group includes occupations concerned with conveying persons and freight between floors; giving information and directions to passengers; and frequently assisting passengers on and off cars.

388.138 ELEVATOR STARTER (any ind.)
elevator dispatcher
elevator supervisor
starter
388.868 ELEVATOR OPERATOR (any ind.)
service-car operator
Front-Elevator Operator (hotel & rest.)

389. **Building and Related Service Occupations, n.e.c.**

This group includes occupations, not elsewhere classified, concerned with building and related service occupations.

389.138 EXTERMINATOR SUPERVISOR (bus. ser.)
SUPERVISOR, MAINTENANCE AND CUSTODIANS (education)
389.381 FUMIGATOR (bus. ser.)
389.781 TERMITE TREATER (bus. ser.)
termite exterminator
389.878 ESCALATOR ATTENDANT (per. ser.; ret. tr.)
389.883 VACUUM-CLEANER OPERATOR (any ind.)
cleaner operator
power-cleaner operator
389.884 EXTERMINATOR (any ind.)
pest control man
vermin exterminator
Rodent Exterminator (any ind.)
389.887 AIR-PURIFIER SERVICEMAN (bus. ser.)
ELECTRICAL-FIXTURE MAN (any ind.)
fixture relamper
fluorescent lamp replacer
lamp boy
lamp-renewal boy
light-bulb replacer
FLOOR WAXER (any ind.)
SEXTON (nonprofit organ.)
janitor, church
verger
TERMITE-TREATER HELPER (bus. ser.)
pest-control helper
WALL WASHER (any ind.)
paper cleaner
wallpaper cleaner
WINDOW CLEANER (any ind.)
window washer

4 FARMING, FISHERY, FORESTRY, AND RELATED OCCUPATIONS

This category includes occupations concerned with growing, harvesting, catching, and gathering land and aquatic plant and animal life and the products thereof; and occupations concerned with providing services in support of these activities.

40 **PLANT FARMING OCCUPATIONS**
This division includes occupations concerned with tilling, planting, cultivating, gathering, and harvesting plant life or the products of plant life and caring for areas, such as parks, gardens, and grounds.

401. **Grain Farming Occupations**
This group includes occupations concerned with producing grain crops, such as corn, sorghum, wheat, barley, and rice; and field peas, field beans, and soybeans.

401.137 DETASSELING-CREW SUPERVISOR (agric.)
401.138 AREA FOREMAN (agric.)
401.181 FARMER, CASH GRAIN (agric.)
cash grain grower
grain farmer
Corn Grower (agric.)
Rice Farmer (agric.)
Wheat Grower (agric.)
401.884 FARM HAND, GRAIN (agric.) I
FARM HAND, RICE (agric.)
401.887 FARM HAND, GRAIN (agric.) II
Binder Operator (agric.)
Bundle Stacker (agric.)
Corn Cutter (agric.)
Corn Detasseler (agric.)
Corn Husker (agric.)
Corn Picker (agric.)
Corn Sheller (agric.)
Corn Snapper (agric.)
Ensilage-Cutter Operator (agric.)
Field Pitcher (agric.)
Grain Shocker (agric.)
Harvest Hand, Grain (agric.)
Header Tender (agric.)
Hoe-Down (agric.)
Laborer, Grain Threshing (agric.)
Pitcher (agric.)
Reaper (agric.)
Sack Tender (agric.)
Shocker (agric.)
Silo Filler (agric.)

402. **Cotton Farming Occupations**
This group includes occupations concerned with producing cotton.

402.137 DRIVER (agric.)
402.181 COTTON GROWER (agric.)
cotton farmer
cotton planter
cotton raiser
402.883 FARM HAND, COTTON (agric.) I
402.887 FARM HAND, COTTON (agric.) II
Cotton Chopper (agric.)
Cotton Picker (agric.)
Cotton Stomper (agric.)
Harvest Hand, Cotton (agric.)
Hoe Sharpener (agric.)
Shake Man (agric.)
Tote Man (agric.)

403. **Vegetable Farming Occupations**
This group includes occupations concerned with producing vegetables.

403.137 ROW BOSS, THINNING (agric.)
403.181 VEGETABLE GROWER (agric.)
garden farmer
market gardener
Beet Raiser (agric.)
Onion Farmer (agric.)
Potato Farmer (agric.)
Sugar-Beet Farmer (agric.)
Truck Farmer (agric.)
403.687 CARROT GRADER-INSPECTOR (agric.)
carrot checker
403.883 FARM HAND, VEGETABLE (agric.) I
Farm Hand, Sugar Beet (agric.)
Farm Hand, Sugarcane (agric.)
403.886 SEED CUTTER (agric.)
cutter
potato-seed cutter
403.887 FARM HAND, VEGETABLE (agric.) II
garden worker
laborer, vegetable farm
vegetable worker
Asparagus Cutter (agric.)
Bean Picker (agric.)
Bean-Pole Setter and Stringer (agric.)
Beet Lifter (agric.)
Beet Thinner (agric.)
Blocker (agric.)
Broccoli Cutter (agric.)
Bulb Planter (agric.)
Cabbage Cutter (agric.)
Carrot Digger and Tier (agric.)
Carrot-Harvest Hand (agric.)
Carrot Tier (agric.)
Carrot Topper (agric.)
Cauliflower Tier (agric.)
Cauliflower Trimmer (agric.)
Celery Trimmer, Field (agric.)
Clean-Up Man (agric.)
Cucumber Picker (agric.)
Farm Hand, Sugar Beet (agric.)
Field Pitcher (agric.)
Harvest Hand, Castor Bean (agric.)
Harvest Hand, Onion Seed (agric.)
Harvest Hand, Sugar Beet (agric.)
Harvest Hand, Vegetable (agric.)
Hoe Hand (agric.)
Laborer, Seed Farm (agric.)
Lettuce Cutter (agric.)
Lima-Bean Pitcher (agric.)
Melon Capper (agric.)
Onion Topper (agric.)
Peanut Thinner (agric.)
Pea Picker (agric.)
Pea Pitcher (agric.)
Picker-Up, Cut Asparagus (agric.)
Planter Operator, Vegetable (agric.)
Plant Puller (agric.)
Potato-Digging-Machine Operator (agric.)
Potato Picker (agric.)
Potato Sorter and Picker (agric.)
Puller and Topper, Sugar Beet (agric.)
Root-and-Bulb Planter, Hand (agric.)
Root Planter (agric.)
Sacker Potato (agric.)
Spooner, Spinach (agric.)
Sugar-Beet Blocker (agric.)
Sugar-Beet Topper (agric.)
Thinner (agric.)
Tomato Picker (agric.)
Transplanter, Hand (agric.)
Transplanter, Machine (agric.)
Trash Picker (agric.)
Vegetable Buncher (agric.)
Vegetable Thinner (agric.)
Vegetable Topper (agric.)
Vine Picker (agric.)
Viner, Hand (agric.)
Vine Shaker, Potato (agric.)
Vine Turner (agric.)
403.887 Watermelon Cutter (agric.)
Con. Watermelon Pruner (agric.)
Watermelon Stacker (agric.)

404. **Fruit and Nut Farming Occupations**
This group includes occupations concerned with producing fruit and nuts.

404.131 FRUIT-FARM FOREMAN (agric.)
fruit-ranch foreman
orchard foreman
Citrus-Fruit Foreman (agric.)
404.137 GROVE FOREMAN (agric.)
404.181 BERRY GROWER (agric.)
fruit gardener
Blueberry Grower (agric.)
Cranberry Grower (agric.)
Raspberry Grower (agric.)
Strawberry Grower (agric.)
GRAPE GROWER (agric.)
manager, vineyard
vine grower
vineyard foreman
ORCHARDIST (agric.)
farmer, fruit
Apple Grower (agric.)
Cherry Grower (agric.)
Farmer, Nut (agric.)
Farmer, Tree Fruit (agric.)
Filbert Grower (agric.)
Lemon Grower (agric.)
Nut Orchardist (agric.)
Orange Grower (agric.)
Peach Grower (agric.)
Pecan Grower (agric.)
Tung-Nut Grower (agric.)
Walnut Grower (agric.)
404.687 WATERMELON INSPECTOR (agric.)
404.883 CRANBERRY PICKER, MACHINE (agric.)
Scoop-Machine Picker (agric.)
Suction-Machine Picker (agric.)
FARM HAND, CITRUS FRUIT (agric.) I
FARM HAND, FRUIT (agric.) I
FRUIT-HARVESTER OPERATOR (agric.)
ORANGE-HARVESTER OPERATOR (agric.)
SHAKING-MACHINE OPERATOR (agric.)
404.884 FARM HAND, CITRUS FRUIT (agric.) II
grove laborer
TREE PRUNER (agric.)
pruner
tree trimmer
Orchard Pruner (agric.)
404.885 WINNOWING-MACHINE OPERATOR (agric.)
404.887 FARM HAND, BERRY (agric.)
FARM HAND, CRANBERRY BOG (agric.)
cranberry-bog worker
FARM HAND, FRUIT (agric.) II
laborer, fruit farm
laborer, orchard
Fruit Thinner (agric.)
Smudger (agric.)
LABORER, VINEYARD (agric.)
vineyard man
Grape Roller (agric.)
Grape Turner (agric.)
Grapevine Pruner (agric.)
Sulfurer, Grapevines (agric.)
FIG CAPRIFIER (agric.)
HARVEST HAND, FRUIT (agric.)
Almond Knocker (agric.)
Apple Picker (agric.)
Apricot Picker (agric.)

404.887 Con.
Berry Picker (agric.)
Blackberry Picker (agric.)
Blueberry Picker (agric.)
Blueberry Raker (agric.)
Cherry Picker (agric.)
Citrus Picker (agric.)
Coffee Picker (agric.)
Cranberry Picker (agric.)
Cranberry Scooper (agric.)
Cranberry Screener (agric.)
Cranberry Snapper (agric.)
Cultivated Blueberry Picker (agric.)
Fig Picker (agric.)
Fruit Picker (agric.)
Grape Picker (agric.)
Harvest Hand, Berry (agric.)
Harvest Hand, Citrus Fruit (agric.)
Harvest Hand, Cranberry Bog (agric.)
Knocker (agric.)
Lemon Picker (agric.)
Nut Gatherer, Tung (agric.)
Olive Knocker (agric.)
Olive Picker (agric.)
Orange Picker (agric.)
Peach Picker (agric.)
Pear Picker (agric.)
Picker (agric.)
Prune Knocker (agric.)
Prune Picker (agric.)
Raspberry Picker (agric.)
Strawberry Picker (agric.)
Walnut Knocker (agric.)
Walnut Shaker (agric.)
PLANT DIGGER (agric.)

405. Crop Specialty Farming Occupations
This group includes occupations concerned with producing specialty crops, such as peanuts, Irish potatoes, sweet potatoes, tobacco, sugarcane, sugar beets for sugar, and other miscellaneous crops, such as ginseng, hops, castor beans, sesame for seed, melons for feed, dill for oil, and mung beans.

405.131 CONTRACTOR, BROOMCORN THRESHING (agric.)
405.132 KILNMAN, HOPS (agric.)
kiln foreman
405.181 DRUG GROWER (agric.)
Ginseng Farmer (agric.)
Peppermint Farmer (agric.)
HAY FARMER (agric.)
HOP GROWER (agric.)
PEANUT FARMER (agric.)
SUGARCANE PLANTER (agric.)
TOBACCO GROWER (agric.)
tobacco farmer
tobacco planter
tobacco raiser
405.587 CANE WEIGHER (agric.)
405.884 BEAN-SPROUT GROWER (agric.)
hotbed man, bean sprout
405.885 PEANUT-PICKER OPERATOR (agric.)
peanut-picking-machine operator
405.887 FARM HAND, HOPS (agric.)
laborer, hop farm
Bottom Cutter (agric.)
Dumper, Hops (agric.)
Harvest Hand, Hops (agric.)
Hop Hoer (agric.)
Hop Picker (agric.)
Hop Pruner (agric.)
Hop Trainer (agric.)
Kiln Layer (agric.)
Passer, Picking Machine, Hops (agric.)
Picking-Machine Feeder (agric.)
Pick-Up Man (agric.)
Sacker, Hops (agric.)
Top Cutter (agric.)
Weaver (agric.)
FARM HAND, TOBACCO (agric.)
tobacco hand
Barn Filler (agric.)
Dragger, Tobacco (agric.)
Hander, Flue Cured (agric.)
Harvest Hand, Tobacco (agric.)
Looper, Bright Leaf (agric.)
Looper, Flue Cured (agric.)
Racker, Bright Leaf (agric.)
Stripper, Burley Leaf (agric.)

405.887 Con.
Stripper, Flue Cured (agric.)
Tobacco Baler (agric.)
Tobacco Cutter, Burley (agric.)
Tobacco Hanger (agric.)
Tobacco Houser (agric.)
Tobacco Picker (agric.)
Tobacco Primer (agric.)
Tobacco Sewer, Hand (agric.)
Tobacco Sewer, Machine (agric.)
Tobacco Sprayer (agric.)
Tobacco Stringer (agric.)
Tobacco Suckerer (agric.)
Tobacco-Tying-Machine Feeder (agric.)
Tobacco-Tying-Machine Off-Bearer (agric.)
Tobacco-Tying-Machine Operator (agric.)
HARVEST HAND, BROOMCORN (agric.)
Broomcorn Cutter (agric.)
Broomcorn Puller (agric.)
Broomcorn Tier (agric.)
HARVEST HAND, PEANUT (agric.)
Hand Shaker (agric.)
Peanut Stacker (agric.)
HARVEST HAND, SUGARCANE (agric.)
Cane Burner (agric.)
Cane Cutter (agric.)
Cane Loader (agric.)
Fire-Break Cutter (agric.)

406. Horticultural Specialty Occupations
This group includes occupations concerned with producing nursery products including trees and shrubs, flowers and flowering plants, flower seeds, bulbs, and mushrooms.

406.168 NURSERYMAN (agric.)
manager, nursery
nursery farmer
propagation man
Azalea Grower (agric.)
Evergreen Grower (agric.)
Greenhouse Florist (agric.)
406.181 FLOWER GROWER (agric.)
Bulb Grower (agric.)
Rose Grower (agric.)
MUSHROOM GROWER (agric.)
SEED GROWER (agric.)
seedman
406.884 LABORER, NURSERY (agric.)
Laborer, Greenhouse (agric.)
Nursery Order Filler (agric.)
Rabbit Hunter (agric.)
406.887 BAGGER-AND-BURLAP MAN (agric.)
baller
CHRISTMAS-TREE CUTTER (agric.)
FARM HAND, MUSHROOM (agric.)
mushroom-farm laborer
Mushroom Picker-Cutter (agric.)
Mushroom Planter (agric.)
Mushroom Spawner (agric.)
Sanitation Man (agric.)
Trasher, Mushroom (agric.)
Watering Man, Mushroom (agric.)
GROUNDMAN (agric.)
tree-surgeon helper
MOSS HANDLER (agric.)
moss worker
peat-moss handler
NURSERY WORKER (agric.)
Flower Clipper (agric.)
Fumigator, Nursery (agric.)
Greenhouse Worker (agric.)
Hotbed Man (agric.)
Plant Grader (agric.)
Potting Man (agric.)
Sod Layer (agric.)
Transplanter (agric.)
Tree Budder (agric.)
TREE PLANTER (agric.)

407. Gardening and Groundskeeping Occupations
This group includes occupations concerned with caring for such areas as gardens, grounds, parks, and cemeteries.

407.134 PARK FOREMAN (gov. ser.)
407.137 GREENSKEEPER (any ind.) I
greenskeeper foreman
greenskeeper, head
407.138 SUPERINTENDENT, GREENS (amuse.& rec.)
TREE-TRIMMING FOREMAN (light, heat, & power; tel. & tel.)
407.181 LANDSCAPE GARDENER (agric.)
landscaper
407.868 PARK CARETAKER (gov. ser.)
caretaker
407.883 GREENSKEEPER (any ind.) II
laborer, golf course
407.884 GROUNDS KEEPER (any ind.)
caretaker, grounds
gardener
yard laborer
Grass Cutter (any ind.)
Hedge-and-Shrub Cutter (any ind.)
Leaf Raker (any ind.)
Riding-Mower Operator (any ind.)
GROUNDS KEEPER, SPORTS (amuse. & rec.)
407.887 CAMP-GROUND CARETAKER (gov. ser.)
CEMETERY WORKER (agric.)
Grave Digger (agric.)
LABORER, LANDSCAPE (agric.)
PARK WORKER (gov. ser.)
park cleaner
Trail Builder (gov. ser.)
RAKER (turp. & rosin)

409. Plant Farming Occupations, n.e.c.
This group includes occupations, not elsewhere classified, concerned with plant farming.

409.137 PICKING-CREW FOREMAN (agric.)
crew foreman
foreman contractor
harvest foreman
Cauliflower - Harvesting - and - Packing Foreman (agric.)
Lemon-Picking Foreman (agric.)
Orange-Picking Foreman (agric.)
Row Boss, Picking (agric.)
Watermelon - Harvesting Foreman (agric.)
409.168 MANAGER, FARM (agric.)
farm overseer
manager, agricultural
superintendent, farm
409.181 FARMER, TENANT (agric.)
farm renter
TREE SURGEON (agric.)
tree doctor
tree skinner
409.883 FARM-EQUIPMENT OPERATOR (agric.)
All-Round Farm-Machinery Operator (agric.)
Bean-Field Worker (agric.)
Bean-Harvesting-Machine Operator (agric.)
Bedder Operator (agric.)
Beet-Harvester Operator (agric.)
Carrot Digger (agric.)
Celery-Harvesting-Machine Operator (agric.)
Combine Operator (agric.)
Corn-Harvesting-Machine Operator (agric.)
Corn-Picker Operator (agric.)
Cotton Picker, Mechanical (agric.)
Cotton-Picking-Machine Operator (agric.)
Cotton Stripper (agric.)
Cotton-Stripping-Machine Operator (agric.)
Cultivator Operator (agric.)
Digger Operator (agric.)
Disk-Harrow Operator (agric.)
Disk-Plow Operator (agric.)
Drag Operator (agric.)
Duster, Machine (agric.)
Ensilage-Corn-Chopper Operator (agric.)
Fertilizing-Machine Operator (agric.)
Field-Chopper Operator (agric.)
Field-Hay-Baler Operator (agric.)
Float Operator (agric.)
Furrow Operator (agric.)
Grain-Swather Operator (agric.)
Green-Crop Loader (agric.)
Harvesting-Machine Operator (agric.)
Hay-Baler Operator (agric.)

409.883 FARM-EQUIPMENT OPERATOR (agric.)—Con.
Con.
Hay-Chopper Operator (agric.)
Haying Hand (agric.)
Hay-Rake Operator (agric.)
Knife Operator (agric.)
Land-Plane Operator (agric.)
Machine Duster (agric.) I
Mechanical-Fruit-Loader Operator (agric.)
Middlebuster Operator (agric.)
Mowing-Machine Operator (agric.)
Mulch-Paper-Laying-Machine Operator (agric.)
Oil-Spraying-Machine Operator (agric.)
Onion Digger (agric.)
Paper - Laying - Machine Operator (agric.)
Pea-Field Worker (agric.)
Peanut-Combine Operator (agric.)
Peanut-Digger-Shaker Operator (agric.)
Peanut-Harvesting-Machine Operator (agric.)
Peanut-Thresher Operator (agric.)
Pick-Up Hay-Baler Operator (agric.)
Pick-Up Hay-Chopper Operator (agric.)
Pineapple-Harvester Operator (agric.)
Planter Operator (agric.)
Potato-Digger Operator (agric.)
Press Operator (agric.) I
Raking-Machine Operator (agric.)
Roller Operator (agric.)
Row Marker (agric.)
Spike-Tooth-Harrow Operator (agric.)
Spring-Tooth-Harrow Operator (agric.)
Stalk Cutter, Machine (agric.)
Subsoiler Operator (agric.)
Sugar-Beet-Harvester Operator (agric.)
Sugarcane-Harvester Operator (agric.)
Swather Operator (agric.)
Teamster (agric.)
Tobacco-Combine Operator (agric.)
Tobacco-Harvesting-Machine Operator (agric.)
Tractor Operator (agric.)
Tractor Operator, Crawler (agric.)
Tractor Operator, Field-and-Row Crops (agric.)
Tractor Operator, Four-Wheel Drive (agric.)
Vine-Beater Operator (agric.)
Viner Operator (agric.)
Windrower Operator (agric.)
FARMER, CONTRACT (agric.)
farmer, custom
FIELD HAULER (agric.)
GOAT-TRUCK DRIVER (agric.)
swamper
HAULER, PEANUT (agric.)
409.884 SHARECROPPER (agric.)
cropper
share farmer
Fourth-Cropper (agric.)
Half-Cropper (agric.)
Third-Cropper (agric.)
TREE-SURGEON HELPER (agric.) I
409.885 DINKEY-PRESS MAN (agric.)
band stripper
dinkey-compress operator
dinkey-press operator
409.887 AIRPLANE-PILOT HELPER (agric.)
flagman
swamper

41 **ANIMAL FARMING OCCUPATIONS**
This division includes occupations concerned with breeding and maintaining animals, collecting their products (such as milk, wool, and pelts), and cleaning quarters and equipment.

411. **Dairy Farming Occupations**
This group includes occupations concerned with breeding, maintaining, and milking dairy cattle, and preparing whole or separated milk for shipment to creamery or other dairy products processors. Occupations concerned solely with processing whole or separated milk into finished or semi finished dairy products are included in Division 52.

411.181 FARMER, DAIRY (agric.)
dairyman
411.181 HERDSMAN, DAIRY (agric.)
Con.
411.884 FARM HAND, DAIRY (agric.) I
dairy-field hand
dairy hand
dairy helper
hired hand, dairy
411.884 FARM HAND, DAIRY (agric.) II
choreman
hired hand, dairy
Barnman (agric.)
Cattle Herder (agric.)
Cow Washer (agric.)
Cream-Separator Tender (agric.)
Milker, Hand (agric.)
411.885 MILKING-MACHINE OPERATOR (agric.)
milker, machine

412. **Poultry Farming Occupations**
This group includes occupations concerned with breeding and maintaining poultry, collecting and preparing eggs for sale, and slaughtering and preparing poultry for sale. Occupations concerned solely with slaughtering and dressing poultry are included in Division 52.

412.137 EGG-ROOM FOREMAN (agric.)
FOREMAN, POULTRY (agric.)
INCUBATOR FOREMAN (agric.)
412.168 MANAGER, HATCHERY (agric.)
poultry technician
Hatchery Man, Poultry (agric.)
412.181 CHICKEN FANCIER (agric.)
POULTRY BREEDER (agric.)
chick culturist
POULTRYMAN, EGG (agric.)
chicken farmer, egg
poultry farmer, egg
poultryman
POULTRYMAN, MEAT (agric.)
chicken farmer
chicken farmer, meat
farmer, poultry
poultry farmer, meat
poultryman
poultry raiser
Turkey Raiser (agric.)
412.387 POULTRY TECHNICIAN (agric.) I
412.687 CHICKEN SEXER (agric.)
CHICK GRADER (agric.)
poultry culler
412.884 CAPONIZR (agric.)
FARM HAND, POULTRY (agric.)
Brooder Man (agric.)
Poultry Feeder (agric.)
Poultry Dresser (agric.)
Poultry Packer (agric.)
Trap Nester (agric.)
Turkey Herder (agric.)
POULTRY TENDER (agric.)
POULTRY VACCINATOR (agric.)
Chicken Vaccinator (agric.)
412.886 EGG-WASHING-MACHINE OPERATOR (agric.)
Turkey-Egg-Washing-Machine Operator (agric.)
412.887 GOOSE HERDER (agric.)
LABORER, HATCHERY (agric.)
incubator man
watchman, hatchery
Chicken-Sexer Helper (agric.)
Chick-Grader Helper (agric.)
Egg Trayer (agric.)
POULTRY DEBEAKER (agric.)
debeaker

413. **Livestock Farming Occupations**
This group includes occupations concerned with breeding and maintaining beef cattle, sheep, goats, horses, and swine.

413.131 STOCK-RANCH FOREMAN (agric.)
Cattle-Ranch Foreman (agric.)
Sheep-Ranch Foreman (agric.)
413.137 SEGUNDO (agric.)
TOP SCREW (agric.)
lead rider
ramrod
top waddy
413.138 CAMP TENDER (agric.)
413.181 CATTLE RANCHER (agric.)
beef grower
cattle feeder
413.181 cattle grower
Con. cattleman
cattle ranchman
stockman
Cattle Breeder (agric.)
Cattle Farmer, Meat Production (agric.)
GOAT KEEPER (agric.)
goat herder
HERDSMAN, SWINE (agric.)
HORSE BREEDER (agric.)
horse raiser
Horseman, Show (agric.)
SHEEP RANCHER (agric.)
sheep farmer
413.684 BRAND INSPECTOR (gov. ser.).
413.687 WOOL-FLEECE GRADER (agric.)
fleece grader
WOOL-FLEECE SORTER (agric.)
413.884 COWPUNCHER (agric.)
bayero
buccaro
buchara
buckaroo
cowboy
puncher
ranch rider
rider
vacher
vaquero
Bronc Buster (agric.)
Circle Rider (agric.)
Drover (agric.)
Fence Rider (agric.)
Mustanger (agric.)
DRENCHER (agric.)
FARM HAND, LIVESTOCK (agric.)
Caviya (agric.)
Farm Hand, Cattle (agric.)
Shepherd (agric.)
Wrangler (agric.)
HAZER (agric.)
LAMBER (agric.)
RANCH HAND (agric.)
413.887 DRIVE-OFF MAN (agric.)
keyman
FLEECE TIER (agric.)
GOAT HERDER (agric.) II
LABORER, RANCH (agric.)
SHEEP HERDER (agric.)
herder
herdsman
mutton puncher
sheepman
shepherd
TURN OUT MAN (agric.)
YARDMAN (ret. tr.) II

419. **Animal Farming Occupations, n.e.c.**
This group includes occupations, not elsewhere classified, concerned with animal farming.

419.131 BARN BOSS (any ind.)
corral man
hostler
lot man
stable manager
419.137 CORRAL BOSS (agric.)
419.181 ANIMAL BREEDER (agric.)
culturist
Guinea-Pig Breeder (agric.)
Mouse Breeder (agric.)
Rat Breeder (agric.)
BEEKEEPER (agric.)
apiarist
bee farmer
beeman
bee raiser
bee rancher
honey producer
Bee Producer (agric.)
Queen Producer (agric.)
CANARY BREEDER (agric.)
CAT BREEDER (agric.)
cat raiser
DOG BREEDER (agric.)
dog fancier
kennel keeper

419.181 FUR FARMER (agric.)
Con. fur rancher
Fox Raiser (agric.)
Fur Breeder (agric.)
GAME FARMER (agric.)
Partridge Farmer (agric.)
Pheasant Farmer (agric.)
Quail Farmer (agric.)
OSTRICH FARMER (agric.)
PIGEON FANCIER (agric.)
pigeon raiser
RABBIT BREEDER (agric.)
rabbit fancier
rabbit raiser
REPTILE FARMER (agric.)
Rattlesnake Farmer (agric.)
WORM GROWER (agric.)
fish-worm grower
419.388 TRACER (agric.)
pedigree tracer
419.884 ANIMAL CARETAKER (agric.)
FARM HAND, ANIMAL (agric.)
FARM HAND, FOX FARM (agric.)
GAME-FARM HELPER (hunt. & trap.)
laborer, game farm
HORSE BREAKER, DRAFT (agric.)
HORSE BREAKER, SADDLE (agric.)
trainer
419.887 PELTER (agric.)
skinner, pelts
WORM-FARM LABORER (agric.)
worm-bed attendant
worm raiser
WORM PACKER (agric.)
worm sorter
WORM PICKER (agric.)
fish-bait picker

42 **MISCELLANEOUS FARMING AND RELATED OCCUPATIONS**

This division includes occupations concerned with performing activities which are specific to neither plant farming nor animal farming.

421. **General Farming Occupations**

This group includes occupations concerned with producing diversified agricultural products. Typical of establishments so engaged are farms which raise vegetables and swine for market.

421.181 FARMER, GENERAL (agric.)
421.384 AGRICULTURAL AID (agric.)
421.883 FARM HAND, GENERAL (agric.) I
farm hand, regular
farm-wage hand
hand
hired hand
hired man
wage hand
421.884 CARETAKER, FARM (agric.)
caretaker
421.887 FARM HAND, GENERAL (agric.) II
chore hand
farm laborer
hand
hired man
wage hand
Bale Bucker, Hay (agric.)
Bale Stacker, Hay (agric.)
Day Worker (agric.)
Harvest Hand, General (agric.)
Hay Baler (agric.)
Hay Stacker (agric.)

422. **Farm Irrigation Workers**

This group includes occupations concerned with digging, cleaning, and maintaining farm irrigation ditches and canals, and controlling the amount of water flowing therein and therefrom; and occupations concerned with irrigating by such means as pipe, hose, and spray.

422.137 IRRIGATOR, HEAD (agric.)
ditch tender
foreman, irrigation
422.181 ZANJERO (agric.)
ditch tender
422.884 IRRIGATOR, VALVE PIPE (agric.)
422.887 DITCH DIGGER (agric.)
ditcher
Tile Digger (agric.)
IRRIGATOR (agric.)
Irrigator, Border (agric.)
422.887 Row Irrigator, Porthole (agric.)
Con. Row Irrigator, Siphon (agric.)
IRRIGATOR, SPRINKLING SYSTEM (agric.)
irrigator, overhead
IRRIGATOR, STANDPIPE (agric.)
LABORER, IRRIGATION (agric.)
Ditch Cleaner (agric.)

423. **Farm Couples**

This group includes occupations in which a man and woman, usually man and wife, live and perform farming and domestic duties on a farm owned by a resident or nonresident owner.

423.999 DAIRY COUPLE (agric.)
FARM COUPLE (agric.)
couple
RANCH COUPLE (agric.)

424. **Farm Machinery Operators, n.e.c.**

This group includes occupations, not elsewhere classified, primarily concerned with operating farm machinery.

424.132 HOP-PICKING-MACHINE OPERATOR (agric.)
Hop-Picking-Machine Operator, Horizontal (agric.)
Hop-Picking-Machine Operator, Portable (agric.)
Hop-Picking-Machine Operator, Stationary (agric.)
Hop-Picking-Machine Operator, Vertical (agric.)
424.782 THRESHER (agric.)
separator man
threshing-machine operator
Viner Operator, Stationary (agric.)
424.883 HEAVY-EQUIPMENT OPERATOR (agric.)
SPRAYER (agric.)
chemical applicator
duster operator
machine duster, speed sprayer
Fruit Sprayer (agric.)
Livestock-Spray-Machine Operator (agric.)
Orchard Sprayer (agric.)
Tree Sprayer (agric.)
Vegetable Sprayer (agric.)
424.886 CHOPPER OPERATOR, STATIONARY (agric.)

429. **Miscellaneous Farming and Related Occupations, n.e.c.**

This group includes occupations, not elsewhere classified, concerned with miscellaneous farming and related occupations.

429.131 FARM FOREMAN (agric.)
Crop Boss (agric.)
Field Supervisor (agric.)
429.228 POULTRYMAN, TECHNICAL ADVISOR (agric.)
field advisor
serviceman, poultry
429.885 LABORER, SEED CORN (agric.)
THRESHER HAND, BROOMCORN (agric.)
429.887 FARM BOY (agric.)
chore boy
farm roustabout
hired boy, farm
GRUBBER (agric.; const.)
axman
clearing man
sawman
sawyer
Brush Buster (agric.)
Cactus Grubber (agric.)
Mesquite Grubber (agric.)
Sprout Cutter (agric.)
ICE HARVESTER (ret. tr.)

43 **FISHERY AND RELATED OCCUPATIONS**

This division includes occupations concerned with seeding, cultivating, transplanting, stocking, catching, or gathering aquatic life of any kind or their remains.

431. **Net, Seine, and Trap Fishermen**

This group includes occupations concerned with catching or gathering aquatic animal life by use of such equipment as nets, traps, pots, and dredges.

431.137 FOREMAN, RIGGING SCOW (fish.)
rigging-scow foreman
POUND-NET OR TRAP CAPTAIN (fish.)
captain of the pound
431.782 CLAM-DREDGE OPERATOR (fish.)
fisherman, clam
hydraulic-clam-dredge operator
431.883 STAKE BOATMAN (fish.)
skiffman
431.884 FISHERMAN, HOOP NET (fish.)
Fisherman, Drop Net (fish.)
Fisherman, Fyke Net (fish.)
Fisherman, Heart Net (fish.)
FISHERMAN, NET (fish.)
dragger
seiner
trawler
Brailer (fish.)
Fisherman, Dip Net (fish.)
Fisherman, Gill Net (fish.)
Lookout (fish.)
Masthead Man (fish.)
Net Puller (fish.)
FISHERMAN, DIVER NET (fish.)
FISHERMAN, HAUL, DRAG, OR BEACH SEINE (fish.)
drag seiner
netter, drag
FISHERMAN, LAMPARA NET (fish.)
FISHERMAN, POUND NET OR TRAP (fish.)
fisherman, trap
netter, pound
netter, trap
trapper
trap tender
FISHERMAN, PURSE SEINE (fish.)
netter, run-around
purse seiner
FISHERMAN, REEF NET (fish.)
FISHERMAN, SQUAW NET (fish.)
FISHERMAN, TRAMMEL NET (fish.)
FISHERMAN, TRAWL NET (fish.)
dragnet fisherman
Fisherman, Beam Trawl (fish.)
Fisherman, Otter Trawl (fish.)
Fisherman, Paranzella Net (fish.)
Fisherman, Spanish Trawl (fish.)
Trawler, Double Rig (fish.)
FISHERMAN, POT (fish.)
Fisherman, Crab (fish.)
Fisherman, Eel (fish.)
Fisherman, Lobster (fish.)
FISHERMAN, TERRAPIN (fish.)
FISHERMAN, WEIR (fish.)
fisherman, trap
STRIKER (fish.)
driver
431.887 LABORER, WHARF (fish.)
dock worker
fish pitcher
lumper
wharf hand

432. **Line Fisherman**

This group includes occupations concerned with catching aquatic animal life by means of baited, hooked, and entangling lines.

432.884 FISHERMAN, LINE (fish.)
fisherman
Fisherman, Hand Line (fish.)
Fisherman, Trawl Line (fish.)
Fisherman, Troll Line (fish.)
Fisherman, Trot Line (fish.)

433. **Fishermen, Miscellaneous Gear**

This group includes occupations concerned with catching and gathering aquatic animal life by means of gear other than that used in Groups 431 and 432.

433.884 FISHERMAN, ABALONE (fish.)
abalone gatherer
FISHERMAN, SPEAR (fish.)
harpooner, fish
spearer
Fisherman, Eel Spear (fish.)
Fisherman, Swordfish (fish.)
Gaffman (fish.)
Harpooner (fish.)

435. **Whaling Occupations**

This group includes occupations concerned with catching whales by any means.

435.884 FLENSER (fish.)
GUNNER (fish.)
harpooner, whale

436. **Marine Life Cultivation and Related Occupations**

This group includes occupations concerned with such activities as breeding, caring for, planting, transplanting, or transferring (stocking with) aquatic animal or plant life. Includes developing and maintaining the subsistence environment of such life. Includes alligator and frog farming.

436.181 ALLIGATOR FARMER (fish.)
FISH FARMER (fish.)
fisheries aid
Trout Farmer (fish.)
FROG GROWER (fish.)
frog farmer
SHELLFISH GROWER (fish.)
oyster culturist
Clam Grower (fish.)
Oyster Grower (fish.)
436.884 CRAB FARMER (fish.)
EGG PICKER (fish.)
EGG STRIPPER (fish.)
HATCHERY MAN (fish.)
SHELLFISH-BED MAN (fish.)
bedman
Clam-Bed Man (fish.)
Clam Digger (fish.)
Clam Tonger (fish.)
Clam Treader (fish.)
Fisherman, Clam (fish.) I
Fisherman, Mussel (fish.)
Fisherman, Oyster (fish.)
Fisherman, Quahog (fish.)
Fisherman, Scallop (fish.)
Oysterbed Man (fish.)
Oyster Dredger (fish.)
Oysterman (fish.)
Oyster Picker (fish.)
Oyster Tonger (fish.)
Oyster Unloader (fish.)
Scallop Dredger (fish.)
Scallop Raker (fish.)
436.887 FROG-FARM LABORER (fish.)

437. **Sponge and Seaweed Gatherers**

This group includes occupations concerned with gathering sponge and seaweed by any means and with or without the use of underwater breathing equipment.

437.884 SPONGE HOOKER (fish.)
fisherman, sponge hooking
hooker
437.887 DULSER (fish.)
IRISH-MOSS BLEACHER (fish.)
IRISH-MOSS GATHERER (fish.)
KELP CUTTERMAN (fish.)
Kelp Hookman (fish.)
SPONGE CLIPPER (whole. tr.)

439. **Fishery and Related Occupations, n.e.c.**

This group includes occupations, not elsewhere classified, concerned with fishery and related occupations.

439.228 INSTRUCTOR, FISHING (education)
439.687 CLAM DREDGEMAN (fish.)
dredge man
hydraulic-clam dredgeman
CRAB INSPECTOR (fish.)
439.884 FISHERMAN, DIVING (fish.)
fisherman, sponge or pearl
Abalone Diver (fish.)
Pearl Diver (fish.)
Sponge Diver (fish.)
NET MAN (fish.)
rigger
webman
SEALER (fish.)
fisherman, seal
Seal Driver (fish.)
Seal Killer (fish.)
Seal Skinner (fish.)
439.887 OYSTER FLOATER (fish.)

44 **FORESTRY OCCUPATIONS**

This division includes occupations concerned with developing, maintaining, cultivating, and protecting forests, forest tracts and woodlands, and harvesting their products. Harvesting logs is included in Group 942, and cultivating ornamental trees, shrubs, and flowers is included in Group 406.

441. **Forest Conservation Occupations**

This group includes occupations concerned with developing, maintaining, and protecting forests, forested areas, and woodlands through such activities as raising and transplanting tree seedlings; locating and combating fires, insects, pests, and diseases harmful to trees; and controlling erosion and leaching of forest soil.

441.128 JUMPMASTER (gov. ser.)
441.137 SUPPRESSION-CREW LEADER (gov. ser.)
crew leader
fire-protection man
Fire-Control Aid (gov. ser.)
441.168 FIRE LOOKOUT (gov. ser.)
lookout towerman
towerman
watchman, tower
FIRE WARDEN (forestry)
woods fire warden
441.384 FORESTER AID (gov. ser.)
441.687 FIRE PATROLMAN (gov. ser.)
Smoke Chaser (gov. ser.)
441.887 FOREST-FIRE FIGHTER (gov. ser.)
fire crewman
smoke eater
SPRAYER (forestry)
TREE PLANTER (forestry)
TREE PRUNER (forestry)

442. **Occupations in Production of Forest Products, Except Logging**

This group includes occupations concerned with producing and gathering from forests and woodlands such products as ferns, mistletoe, barks, gums, resins, saps, and wild nuts and berries.

442.137 WOODS RIDER (turp. & rosin)
442.138 WOODS BOSS (forestry)
442.168 MANAGER, DISTRICT (forestry)
SUPERVISOR, COAST DISTRICT (forestry)
442.687 INSPECTOR, WREATH (forestry)
MEDICINAL-PLANT COLLECTOR (agric.)
drug collector
442.887 BOUGH CUTTER (forestry)
BOX CUTTER (turp. & rosin)
CUPPER AND TINNER (turp. & rosin)
tinner and cupper
FACE CUTTER (turp. & rosin)
Chipper (turp. & rosin)
Slicer (turp. & rosin)
BOX PULLER (turp. & rosin)
GATHERER (turp. & rosin)
Dipper (turp. & rosin)
Scrape Gatherer (turp. & rosin)
GREENS PICKER (forestry)
fern picker
huckleberry-brush picker
GREENS TIER (forestry)
MOSS CUTTER (agric.)
MOSS PICKER (agric.)
SAP COLLECTOR (agric.)
SUGAR TAPPER (agric.)
maple-sugar maker

449. **Forestry Occupations, n.e.c.**

This group includes occupations, not elsewhere classified, concerned with forestry.

449.168 CHIEF CRUISER (forestry; logging)
449.287 CRUISER (forestry; logging)
estimator
land inspector
land looker
timber cruiser
timber estimator
timberman
timber rider
valuer
LOGGING-OPERATIONS INSPECTOR (forestry; logging)
inspector, cruiser
449.884 TREE CLIMBER (forestry)
449.885 WREATH-MACHINE OPERATOR (forestry)
Garland-Machine Operator (forestry)
449.887 SEED-CONE PICKER (forestry)

45 **HUNTING, TRAPPING, AND RELATED OCCUPATIONS**

This division includes occupations concerned with searching for and taking, dead or alive, wild birds and animals, including seal, walrus, and otter. Occupations concerned with whaling are included in Group 435.

451. **Hunting and Trapping Occupations**

This group includes occupations concerned with taking wild or pest animals and birds, dead or alive, by means of weapons, poisons, or traps; and in keeping animal and bird game, on shooting preserves or estates.

451.181 GAMEKEEPER (hunt. & trap.)
451.781 PREDATORY-ANIMAL HUNTER (hunt. & trap.)
bounty hunter
forestry hunter
Cougar Hunter (hunt. & trap.)
Coyote Hunter (hunt. & trap.)
Wolf Hunter (hunt. & trap.)
TRAPPER (hunt. & trap.)
fur trapper
Beaver Trapper (hunt. & trap.)
Muskrat Trapper (hunt. & trap.)
BIRD TRAPPER (hunt. & trap.)
451.884 WALRUS HUNTER (fish.)

452. **Hunting and Fishing Guides**

This group includes occupations concerned with leading hunters and fishermen in search of game animals, birds, and fish.

452.868 HUNTING AND FISHING GUIDE (amuse. & rec.)
guide, hunting and fishing
fishing and hunting guide

46 **Agricultural Service Occupations**

This division includes occupations concerned with furnishing services in support of an agricultural activity. Most of these services are specializations that are applicable to a number of agricultural areas and are usually performed on a fee or contract basis.

461. **Cotton Ginning and Compressing Occupations**

This group includes occupations concerned with separating cotton fibers from seeds and compressing them into bales.

461.137 YARD FOREMAN, COTTON GIN (agric.)
461.885 GINNER (agric.)
cotton-gin operator
gin-stand man
gin-stand operator
gin worker

465. **Blight and Pest Control and Bindweed Eradication Occupations**

This group includes occupations concerned with locating, controlling, treating, and destroying or eliminating blights, pests, weeds, and diseased or infected trees and shrubs.

465.137 BLIGHT-CONTROL FOREMAN (agric.)
SPRAY FOREMAN (agric.)
465.381 SCOUT (agric.)
pest-control worker
465.781 WEED INSPECTOR (agric.)
465.884 FUMIGATOR, ORCHARD (agric.)
465.887 BLISTER-RUST ERADICATOR (agric.)
BRUSHER (agric.)
LABORER, ORCHARD FUMIGATION (agric.)
SPRAYER, HAND (agric.)
TREE GIRDLER (agric.)

466. **Animal Caretaking Occupations**

This group includes occupations concerned with feeding, watering, herding, or otherwise keeping animals, usually in a lot, preparatory to their commercial utilization.

466.887 LIVESTOCK CARETAKER, YARD-OR-IN-TRANSIT (any ind.)
livestock handler
Animal Weigher (any ind.)
Live-Car Caretaker (any ind.)
Livestock Feeder (any ind.)
Livestock Penner (slaught. & meat pack.)
Stock Driver (any ind.)
Yard-and-Sort Man (any ind.)

467. **Animal Husbandry Service Occupations**

This group includes occupations concerned with such activities as artificial insemination, shearing, dehorning, and related, to impart special characteristics, improve productivity, and otherwise promote the exploitive value of animals.

467.138 WOOL SHEARER, CONTRACT (agric.)
467.384 ARTIFICIAL-BREEDING TECHNICIAN (agric.)
breeding technician

467.384 ARTIFICIAL INSEMINATOR (agric.)
Con. inseminator
BLOOD TESTER, FOWLS (agric.)
POULTRY INSEMINATOR (agric.)
artificial-insemination technician

469. Agricultural Service Occupations, n.e.c.
This group includes occupations, not elsewhere classified, concerned with furnishing services in support of an agricultural activity on a fee or contract basis.

469.158 HARVEST CONTRACTOR (agric.)
contract picker
469.168 CONTRACTOR, FIELD HAULING (agric.)
469.381 DAIRY TESTER (agric.)
469.387 COTTON CLASSER (agric.; textile)
agricultural-commodity grader
cotton grader
469.884 SHEEP SHEARER (agric.)
sheep clipper
stock clipper
wool shearer

5 PROCESSING OCCUPATIONS

This category includes occupations concerned with refining, mixing, compounding, chemically treating, heat treating, or similarly working materials and products. Knowledge of a process and adherence to formulas or other specifications are required in some degree. Vats, stills, ovens, furnaces, mixing machines, crushers, grinders, and related equipment or machines are usually involved.

50 OCCUPATIONS IN PROCESSING OF METAL

This division includes occupations concerned with molding, casting, coating, conditioning, or otherwise processing metal. Foundry occupations are included in Division 51.

500. **Electroplating Occupations**

This group includes occupations concerned with covering the surfaces of objects by electrodeposition or electrolysis.

500.131 FOREMAN (electroplating)
plater foreman

500.132 FOREMAN, SHEET MANUFACTURING (ore dress., smelt., & refin.)

500.138 FOREMAN, FINISHING DEPARTMENT (phonograph)

500.380 PLATER (electroplating)
electroplater
plating-tank operator
Brass Plater (electroplating)
Bronze Plater (electroplating)
Cadmium Plater (electroplating)
Chromium Plater (electroplating)
Copper Plater (electroplating)
Gold Plater (electroplating)
Nickel Plater (electroplating)
Silver Plater (electroplating)
Tin Plater (electroplating)
PLATER, PLASTICS (fabric. plastics prod.)
PLATER APPRENTICE (electroplating)
electroplater apprentice
plating-tank operator apprentice

500.781 CYLINDER GRINDER (print. & pub.)
grinder and plater

500.782 ELECTROGALVANZING-MACHINE OPERATOR (electroplating; wire)
PLATER, BARREL (electroplating)
barrel-line operator
drum plater
plater, machine
tumbler plater
TIN RECOVERY MAN (electroplating)

500.884 MATRIX-BATH ATTENDANT (phonograph)
MATRIX PLATER (electroplating)
MATRIX WORKER (phonograph)
finisher
PLATE FORMER (elec. equip.)
PLATER (electronics)
plating processor
SILVER-SPRAY MAN (phonograph)
ELECTROFORMER (electroplating)

500.885 ETCHER, ELECTROLYTIC (cut. tools)
etcher
PLATER, PRODUCTION (electroplating)
ZINC-PLATING-MACHINE OPERATOR (electroplating)

500.886 LABORER, ELECTROPLATING (electroplating)
electroplater helper
plater helper
plating-department helper
Cleaner (electroplating)
Rack Cleaner (electroplating)
Racker (electroplating)
Sawdust Drier (electroplating)
PLATE-TAKE-OUT MAN (elec. equip.)

501. **Dip Plating Occupations**

This group includes occupations concerned with covering, without electrolysis, the surfaces of objects with metal coatings by immersing them in molten, liquid, or solute form of the coating metal, or in materials which react with the object surface to form the metal coating.

501.130 FOREMAN, HOT-DIP TINNING (iron & steel)

501.137 FOREMAN, HOT-DIP PLATING (galvanizing)

501.782 ANODIZER (any ind.)
white-metal corrosion proofer
COATING-MACHINE OPERATOR (galvanizing)
Tinner, Automatic (galvanizing)
COLORING OPERATOR (spring)

501.885 PLATER, HOT DIP (galvanizing)
dipper
galvanizing dipper
pot runner
Tin Dipper (galvanizing)
GALVANIZER (galvanizing)
kettleman
WIRE-COATING OPERATOR, METAL (wire)
lead coater
tin-pot operator
wire tinner
wire-tinning-machine tender
TINNER, CERAMIC CAPACITORS (electronics)
hot tinner
TINNING-EQUIPMENT TENDER (elec. equip.)

502. **Melting, Pouring, Casting, and Related Occupations**

This group includes occupations concerned with heating metal to change it from a solid to a liquid state, pouring it into a mold or other receptacle and allowing or causing it to solidify.

502.130 FOREMAN, CASTING-AND-PASTING (elec. equip.)
Foreman, Grid-Casting-and-Pasting (elec. equip.)
Foreman, Plate Pasting (elec. equip.)

502.381 CASTER (jewelry) I
molder
slush caster
MOLDER, PUNCH (aircraft mfg.)
molder
molder, closed molds
punch molder
Cerrobend-Die Caster (aircraft mfg.)

502.382 FLUOROSCOPE OPERATOR (aircraft mfg.; nonfer. metal alloys)

502.782 BULLET-CASTING OPERATOR (ammunition)
BULLET-SLUG-CASTING-MACHINE OPERATOR (ammunition)
machine-casting operator and adjuster
CASTER (nonfer. metal alloys)
CASTING-MACHINE OPERATOR (nonfer. metal alloys)
CASTING-MACHINE OPERATOR, AUTOMATIC (elec. equip.)
parts-casting-machine operator
CENTRIFUGAL-CASTING-MACHINE OPERATOR (jewelry)
caster
DIE-CASTING-MACHINE OPERATOR (elec. equip.)
rotor caster
SHOT DROPPER (ammunition)

502.884 BLAST-FURNANCE KEEPER (iron & steel)
keeper, blast furnance
LEAD CASTER (elec. equip.)
parts caster, hand
Grid Caster (elec. equip.)
MILL HELPER (nonfer. metal alloys)
lead-sheet cutter
MOLD SETTER (elec. equip.)
casting-machine adjuster
NEEDLE LEADER (knit goods)
needle man
needle molder

502.884 SECOND HELPER (iron & steel)
Con. open-hearth-furnace-operator helper
STEEL POURER (iron & steel)
casting man
STEEL-POURER HELPER (iron & steel)

502.885 LEAD-SLUG CASTER (rubber goods)
slug caster
METAL MAN (print. & pub.; type founding)
furnaceman
handyman
remelter
MOLDER, LEAD INGOT (ammunition)
WIRE-WHEEL OPERATOR (nonfer. metal alloys)

502.886 CASTING-MACHINE-OPERATOR HELPER (elec. equip.)
grid-casting-machine-operator helper
FURNACE HELPER (nonfer. metal alloys; ore dress., smelt., & refin.)
MIXER OPERATOR HELPER, HOT METAL (iron & steel)

502.887 BLAST-FURNACE-KEEPER HELPER (iron & steel)
BOTTOM MAKER (iron & steel)
BUSHER (abrasive & polish. prod.)
HOT-TOP-LINER HELPER (iron & steel)
LABORER, SOLDER MAKING (nonfer. metal alloys)
SCALEMAN (nonfer. metal alloys)
alloyman
charge-gang weigher

503. **Pickling, Cleaning, Degreasing, and Related Occupations**

This group includes occupations concerned with removing coatings of grease, scale, tarnish, oxide, etc., from metal objects to obtain a clean surface. Cleaning is usually accomplished by subjecting the metal objects to acid baths.

503.782 COATER (bus. ser.)
PICKLER, CONTINUOUS PICKLING LINE (any ind.).
cleaner operator
continuous-dryout operator
pickler operator
strip cleaner
Electrolytic De-Scaler (any ind.)

503.885 BARREL ATTENDANT, LAP BALL CLEANER (mach. mfg.)
DIP-LUBE OPERATOR (ammunition)
DRIFTER (iron & steel)
drifting-machine operator
FLAME DEGREASER (auto. ser.)
FURNACE-AND-WASH-EQUIPMENT OPERATOR (ammunition)
continuous-washer operator
METAL CLEANER, IMMERSION (any ind.)
acid dipper
acid man
cleaner
galvanizer
grease remover
neutralizer
pickler
pickling operator
pickling-tank operator
power washer
process treater
vatman
Degreaser (any ind.)
Ultrasonic Cleaner (any ind.)

503.885 Con. METAL-WASHING-MACHINE OPERATOR (refrigerat. equip.)
SANDBLAST OPERATOR (ammunition)
SANDBLAST-OR-SHOTBLAST-EQUIPMENT TENDER (any ind.)
shotblast-or-sandblast-tumbler operator
tumblast-barrel operator
tumblast operator
wheelabrator operator
Shot-Peen Operator (any ind.)
STRIP-TANK TENDER (firearms)
enthone solder stripper
TENDER, ULTRASONIC CLEANING EQUIPMENT (electronics)
parts cleaner, ultrasonic

503.886 PICKLER HELPER, CONTINUOUS PICKLING LINE (any ind.)
continuous-dryout-operator helper

503.887 CLEANER (firearms)
SANDBLASTER (any ind.)
Casting Finisher (any ind.)
Metal-Fitting Cleaner (any ind.)
Shotblaster (found.)
CABINET-ABRASIVE-BLAST MAN (any ind.)

504. Heat-Treating Occupations

This group includes occupations concerned with subjecting metal to heat, cold, or chemicals to relieve or redistribute stresses and affect such characteristics as hardness, flexibility, and ductility.

504.131 HEAT-TREAT FOREMAN (heat treat.)
foreman, hardening
foreman, heat treating
heat treater, head

504.281 HEAT-TREAT INSPECTOR (heat treat.)

504.380 FLAME-HARDENING-MACHINE SET-UP MAN (heat treat.)
FLAME-ANNEALING-MACHINE SET-UP MAN (heat treat.)
INDUCTION-MACHINE SET-UP MAN (heat treat.)
set-up man

504.387 HARDNESS INSPECTOR (heat treat.)
Brinell Hardness-Tester (heat treat.)
Rockwell Hardness-Tester (heat treat.)
Scleroscope Hardness-Tester (heat treat.)

504.782 HARDENER (clock & watch)
HEAT TREATER (heat treat.) I
HEAT TREATER (heat treat.) II
ANNEALER (heat treat.)
furnaceman
normalizer
Continuous-Annealing-Furnace Operator (heat treat.)
CASE HARDENER (heat treat.)
carbonizer
carburizer
Cyanide-Furnace Operator (heat treat.)
Die-Case Hardener (heat treat.)
HARDENER (heat treat.)
Gear Hardener (heat treat.)
HEAT-TREATING BLUER (heat treat.)
Dulite-machine bluer
TEMPERER (heat treat.)
HEAT-TREATER APPRENTICE (heat treat.)

504.885 BASE-DRAW OPERATOR (ammunition)
BURNING-PLANT OPERATOR (ammunition)
CHARGER OPERATOR (iron & steel)
charger
pulpit man
pusher
pusherman
FLAME-HARDENING-MACHINE OPERATOR (heat treat.)
gas-anneal feeder
Flame-Annealing-Machine Operator (heat treat.)
HEAT-TREATER HELPER (heat treat.)
bluing-oven man
draw-furnace man
furnace feeder
furnace loader
heat-treat puller
tempering-kiln tender
INDUCTION-MACHINE OPERATOR (heat treat.)
electronic induction hardener

504.885 Con. LEAD BLOWER (paint & varn.)
lead-furnace operator
PRODUCTION HARDENER (button)
carbonizer
case hardener
REEL-BLADE-BENDER FURNACEMAN (agric. equip.)
RIVET HEATER (any ind.)
Rivet Heater, Electric (any ind.)
Rivet Heater, Gas (any ind.)
SLAB-DEPILER OPERATOR (iron & steel)
table and slab depiler
STEAM-BLACKENING-FURNACE TENDER (electronics)

504.886 CHARGER-OPERATOR HELPER (iron & steel)
FURNACE HELPER (nonfer. metal alloys)
HARDENER HELPER (clock & watch)

504.887 ANNEALER (jewelry)
heat treater

505. Metal Spraying, Coating, and Related Occupations

This group includes occupations concerned with covering the surfaces of objects with metal or an accretion of metal and adjuncts in molten or semimolten form by spraying or brushing.

505.130 FOREMAN, METALIZING (any ind.)
FOREMAN, VACUUM METALIZING (any ind.)

505.780 COATER OPERATOR (any ind.)

505.782 ALODIZE-MACHINE OPERATOR (nonfer. metal alloys)
COATER-MACHINE OPERATOR (tinware)
coater man
METAL-SPRAYING-MACHINE OPERATOR, AUTOMATIC (any ind.) I
flame-spraying-machine operator, automatic
metallizing-machine operator, automatic
METAL-SPRAYING-MACHINE OPERATOR, CRUCIBLE GUN (any ind.)
flame-spraying-machine operator, crucible gun
metallizing-machine operator, crucible gun
PASTING-MACHINE OPERATOR (elec. equip.)
grid-pasting-machine operator

505.884 CASE-PREPARER-AND-LINER OPERATOR (ordnance)
ELECTROLESS PLATER (any ind.)
ENAMELER (plumb. supplies)
enamel drier
METAL SPRAYER, PRODUCTION (any ind.)
SOLDER SPRAYER (any ind.)

505.885 ALODIZE-MACHINE HELPER (nonfer. metal alloys)
BROWNING PROCESSOR (firearms)
CERAMIC COATER, MACHINE (any ind.)
ceramic plater
COATER OPERATOR (tinware)
lining-machine operator
COMPOUND MIXER (tinware)
coating mixer
LACQUER-DIPPING-MACHINE OPERATOR (button)
LUBRICATING-MACHINE TENDER (ammunition)
METAL-SPRAYING-MACHINE OPERATOR, AUTOMATIC (any ind.) II
sprayer
VACUUM-METALIZER OPERATOR (any ind.)
vapor coater

505.886 COMPOUND-COATING-MACHINE OFF-BEARER (tinware)
end packer
WAX-SPRAYING-MACHINE OPERATOR (drug. prep. & rel. prod.; soap)

509. Occupations in Processing of Metal, n.e.c.

This group includes occupations, not elsewhere classified, concerned with molding, casting, coating, conditioning, or otherwise processing metal.

509.130 FOREMAN, ELECTROLYTIC TINNING (iron & steel)
FOREMAN, POWDERED METAL (iron & steel; nonfer. metal alloys)

509.132 FOREMAN, SOAKING PITS (iron & steel)

509.782 APERTURE-MASK-PROCESSING-EQUIPMENT OPERATOR (electronics)
aperture-mask-machine attendant
preparation operator
Acid-Etch-Machine Operator (electronics)
Development-Machine Operator (electronics)
Sensitizing-Machine Operator (electronics)
DENTAL-AMALGAM PROCESSOR (nonfer. metal alloys)
special-machines operator
MIXER OPERATOR, HOT METAL (iron & steel)
ROLL COATER (struct. & ornam. metalwork)

509.884 FILAMENT DISSOLVER (electronics)
TEST PREPARER (iron & steel; nonfer. metal alloys)
sampler
steel sampler
test assembler
test carrier

509.885 ELECTROSTATIC-SEPARATOR OPERATOR (iron & steel)
GETTERING-FILAMENT-MACHINE OPERATOR (elec. equip.)
getterer
getter operator
IMPREGNATOR (iron & steel; nonfer. metal alloys)
KILN OPERATOR (iron & steel)
LUBRICATOR-GRANULATOR (iron & steel; nonfer. metal alloys)
PREFORMING-MACHINE OPERATOR (electronics)
etcher, machine
etcher, salt
SCRAP BALLER (iron & steel; nonfer. metal alloys)
SCRAP HANDLER (any ind.)
SHOT POLISHER AND INSPECTOR (ammunition)
TANKMAN (ore dress., smelt., & refin.)

509.886 LABORER, GENERAL (iron & steel)
Conveyor Man (iron & steel)
Crusherman (iron & steel)
Loading Checker (iron & steel)
Marker (iron & steel)
Racker (iron & steel)
Scrap Breaker (iron & steel)
SCRAP SORTER (nonfer. metal alloys)
picker
scrap boy
Salvage Man, Inserts (nonfer. metal alloys)

509.887 PORCELAIN-ENAMEL LABORER (any ind.)
check and transfer beader
STRINGER (jewelry)
Stringer-Up, Soldering Machine (jewelry)

51 ORE REFINING AND FOUNDRY OCCUPATIONS

This division includes occupations concerned with reducing, smelting, refining, or alloying metalliferous extracted ore, ore concentrate, pig, or scrap; and casting ingots, shapes for further processing, and finished metal products in a foundry.

510. Mixing and Related Occupations

This group includes occupations concerned with combining mineral ore with solvents or other amalgams to produce a single mass or compound.

510.885 MIXER (iron & steel; nonfer. metal alloys)
blender
MIX-HOUSE MAN (ore dress., smelt., & refin.)
Mixing-Pan Tender (ore dress., smelt., & refin.)
PUG-MILL OPERATOR (ore dress., smelt., & refin.)
mixer tender
SINTER-MACHINE OPERATOR (iron & steel; ore dress., smelt., & refin.)
burner man
SLIME-PLANT OPERATOR (ore dress., smelt., & refin.) I
SLURRY-CONTROL MAN (ore dress., smelt., & refin.)

511. **Separating, Filtering, and Related Occupations**
This group includes occupations concerned with setting apart desirable materials in ore or concentrate by such means as forcing or drawing it through filtering devices by suction or pressure, sifting, straining, squeezing, centrifugal force, flotation, leaching, amalgamation, electrolysis, distillation, precipitation, or agitating devices.

511.130 ALUMINA-PLANT FOREMAN (ore dress., smelt., & refin.)
line foreman
shift adjuster

511.132 FILTER-PLANT FOREMAN (ore dress., smelt., & refin.)
SCREENMAN (ore dress., smelt., & refin.)

511.782 CLARIFIER OPERATOR (ore dress., smelt., & refin.)
CLASSIFIER OPERATOR (ore dress., smelt., & refin.)
hydrate-thickener operator
tray thickener man
CONTROL MAN (ore dress., smelt., & refin.)
COTTRELL OPERATOR (ore dress., smelt., & refin.)
dust operator
CRYOLITE-RECOVERY OPERATOR (ore dress., smelt., & refin.)
DUST COLLECTOR, ORE CRUSHING (ore dress., smelt., & refin.)
rotoclone man
LEACHER (ore dress., smelt., & refin.)
solution man
Molybdenum-Leaching-Plant Operator (ore dress., smelt., & refin.)
TUNGSTEN REFINER (ore dress., smelt., & refin.)
chemical operator

511.884 BOTTOM-PRECIPITATOR OPERATOR (ore dress., smelt., & refin.)

511.885 AMALGAMATOR (ore dress., smelt., & refin.)
plateman
CLASSIFIER MAN (ore dress., smelt., & refin.)
Cone Man (ore dress., smelt., & refin.)
CONDENSER MAN (ore dress., smelt., & refin.)
DEWATERER OPERATOR (ore dress., smelt., & refin.)
calciner feed man
kiln-head house operator
DRIER MAN (ore dress., smelt., & refin.)
drier operator
rotary-drier operator
DUST-COLLECTOR ATTENDANT (mining & quarrying)
FLOTATION MAN (ore dress., smelt., & refin.)
cement-copper-dissolution man
Copper-Flotation Operator (ore dress., smelt., & refin.)
Molybdenum-Flotation Operator (ore dress., smelt., & refin.)
HYDRATE-CONTROL MAN (ore dress., smelt., & refin.)
IRON-LAUNDER OPERATOR (ore dress., smelt., & refin.)
KETTLEMAN (ore dress., smelt., & refin.) II
KETTLEMAN, PLATINUM AND PALLADIUM (ore dress., smelt., & refin.)
MOLYBDENUM-STEAMER OPERATOR (ore dress., smelt., & refin.)
PRECIPITATOR (ore dress., smelt., & refin.) I
PRECIPITATOR (ore dress., smelt., & refin.) II
SCREEN OPERATOR (ore dress., smelt., & refin.)
screenman helper
SLIME-PLANT OPERATOR (ore dress., smelt., & refin.) II
slime press and filterman
Selenium-Plant Operator (ore dress., smelt., & refin.)
SLIME-PLANT-OPERATOR HELPER (ore dress., smelt., & refin.)
TABLEMAN (ore dress., smelt., & refin.)
Sludge Man (ore dress., smelt., & refin.)
THICKENER OPERATOR (ore dress., smelt., & refin.)
millman
Red-Mud Thickener Operator (ore dress., smelt., & refin.)

511.885 Con. Tailing-Thickener Operator (ore dress., smelt., & refin.)
TOP-PRECIPITATOR OPERATOR (ore dress., smelt., & refin.)
TROMMEL MAN (ore dress., smelt., & refin.)
ZINC-CHLORIDE OPERATOR (ore dress., smelt., & refin.)

511.887 BLANKET WASHER (ore dress., smelt., & refin.)
CLARIFIER-OPERATOR HELPER (ore dress., smelt., & refin.)
FLOTATION-MAN HELPER (ore dress., smelt., & refin.)
SKIMMER, REVERBERATORY (ore dress., smelt., & refin.)
TAILINGS-DAM LABORER (ore dress., smelt., & refin.)
spigotman
TREATERMAN, COTTRELL (ore dress., smelt., & refin.)
Acid-Conditioning Man (ore dress., smelt., & refin.)
Blower Man (ore dress., smelt., & refin.)

512. **Melting Occupations**
This group includes occupations concerned with heating ore concentrate or metal to change it from a solid to a liquid for such purposes as compounding with other materials, refining, and preparing for casting.

512.130 REDUCTION-PLANT FOREMAN (ore dress., smelt., & refin.)

512.132 FOREMAN, BLAST FURNACE (ore dress., smelt., & refin.)
MELTER FOREMAN (iron & steel)
Melter Foreman, Electric-Arc Furnace (iron & steel)
Melter Foreman, Open-Hearth Furnace (iron & steel)
Melter Foreman, Oxygen Furnace (iron & steel)
PERMANENT-MOLD FOREMAN (nonfer. metal alloys)
POT EXPEDITER (nonfer. metal alloys)
POT-ROOM FOREMAN (ore dress., smelt., & refin.)
line foreman
pot-room-shift foreman
RECLAMATION FOREMAN (nonfer. metal alloys)

512.134 TAPPER FOREMAN (ore dress., smelt., & refin.)

512.687 PYROMETER MAN (found.)
fire regulator

512.782 BESSEMER-CONVERTER BLOWER (iron & steel)
bessemer-converter man
converter
converter man
steel converter
BESSEMER REGULATOR (iron & steel)
CUPOLA TENDER (found.)
cupola man
cupola melter
furnaceman
furnace tender
FIRST HELPER (iron & steel)
melter assistant
open-hearth-furnace operator
FURNACE OPERATOR (found.; iron & steel)
air-furnace operator
caster, investment casting
electric-furnace melter
electric-furnace operator
electric-induction-furnace operator
furnace tender, reverberatory
pit-furnace melter
rotary-furnace operator
Crucible-Furnace Operator, Oil or Gas (found.)
Electric-Arc-Furnace Operator (found.; iron & steel.; ore dress., smelt., & refin.)
Furnace Operator, Oil or Gas (found.)
Induction-Furnace Operator (found.)
Reverberatory-Furnace Operator (found.)
Tilting-Furnace Operator, Oil or Gas (found.)
FURNACE OPERATOR (nonfer. metal alloys.; ore dress., smelt., & refin.)

512.782 Con. OXYGEN-FURNACE OPERATOR (iron & steel)
PIG-MACHINE OPERATOR (iron & steel)
mold-car operator
stand lineman
STOVE TENDER (iron & steel)
hot-blaster man

512.883 CHARGING-MACHINE OPERATOR (iron & steel)
charger
furnace-charging-machine operator
poker-in
pusher runner
Hot-Metal Charger (iron & steel)
FURNACE CHARGER (nonfer. metal alloys.; ore dress., smelt., & refin.)
fettler

512.885 FURNACE TENDER (found.; nonfer. metal alloys)
remelt operator
NOZZLEMAN (nonfer. metal alloys)
POTMAN (ore dress., smelt., & refin.)
pot puncher
RECLAMATION MAN, METAL (ore dress., smelt., & refin.)

512.886 CUPOLA CHARGER (found.)
cupola stocker
PIG-MACHINE-OPERATOR HELPER (iron & steel)

512.887 CONDENSER SETTER (ore dress., smelt., & refin.)

513. **Roasting Occupations**
This group includes occupations concerned with heating ore and concentrates in a furnace with free access of air to eliminate sulfur.

513.132 CONVERTER FOREMAN (ore dress., smelt., & refin.)

513.782 FIREMAN (ore dress., smelt., & refin.) I
Herreshoff-Roaster Operator (ore dress., smelt., & refin.)
Molybdenum-Roaster Operator (ore dress., smelt., & refin.)
KILNMAN (ore dress., smelt., & refin.)

513.885 KILN OPERATOR (ore dress., smelt., & refin.)
calciner operator
SINTER FEEDER (iron & steel)
bottom bin man

513.887 KILN-OPERATOR HELPER (ore dress., smelt., & refin.)
calcination helper

514. **Pouring and Casting Occupations**
This group includes occupations concerned with pouring, injecting, centrifuging, or pressing molten or powdered metal into a mold or other receptacle, and permitting or causing it to solidify.

514.130 FOREMAN, DIE-CASTING (found.)

514.131 INSPECTOR, CHIEF (found.)
salvager
soft iron chief inspector

514.137 FOREMAN, PIG MACHINE (iron & steel)
FOREMAN. PIT AND AUXILIARIES (iron & steel)

514.380 DIE-CASTING-MACHINE SET-UP MAN (found.)

514.687 CASTING INSPECTOR (found.)
casting tester
final inspector
soft iron inspector

514.782 CASTING OPERATOR (nonfer. metal alloys)
d. c. casting operator
CASTING-WHEEL OPERATOR (ore dress., smelt., & refin.)
casting-machine operator
pourer
CENTRIFUGAL-CASTING-MACHINE OPERATOR (found.) III
Casting-Machine-Control-Board Operator (found.)
DIE-CASTING-MACHINE OPERATOR (found.) I
PRESSMAN, CARBON BLOCKS (ore dress., smelt., & refin.)
VACUUM CASTER (found.)

514.884 CASTER (ore dress., smelt., & refin.)
metal pourer
CUPOLA TAPPER (found.)
tap-out man
INGOT HEADER (nonfer. metal alloys; ore dress., smelt., & refin.)
billet header
casting header
header
ingot-pipe filler
pipe-out man

514.884 LADLE MAN (ore dress., smelt., & refin.)
Con. POURER, CRUCIBLE (found.)
caster
POURER, METAL (found.)
buggy-ladle tender
bull-ladle man
bull runner
ladle handler
ladle man
metal off-bearer
pourer
receiving-ladle tender
Pourer, Buggy Ladle (found.)
Pourer, Bull Ladle (found.)
Pourer, Crane Ladle (found.)
TAPPER (nonfer. metal alloys; ore dress., smelt., & refin.)
crucible man
514.885 CENTRIFUGAL-CASTING-MACHINE OPERATOR (found.) I
CENTRIFUGAL-CASTING-MACHINE OPERATOR (found.) II
Dumper, Mold Cleaner (found.)
Puller (found.)
Spray Man (found.)
DIE-CASTING-MACHINE OPERATOR (found.) II
DIE-CASTING-MACHINE OPERATOR (toys & games)
LIMEMAN (iron & steel)
NOZZLE-AND-SLEEVE MAN (nonfer. metal alloys)
sleeve-and-nozzle man
TUBE-CLEANING OPERATOR (found.)
514.887 CASTING-HOUSE HELPER (nonfer. metal alloys)
aluminum-utility man
utility laborer, foundry
CASTING-OPERATOR HELPER (nonfer. metal alloys)
CASTING-WHEEL-OPERATOR HELPER (ore dress., smelt., & refin.)
METAL CONTROL MAN (found.)
MOLDMAN (iron & steel)
mold yard man
PLASTERER, MACHINE (found.)
SPOUTMAN (ore dress., smelt., & refin.)
TAPPER HELPER (ore dress., smelt., & refin.)
WAX-PATTERN COATER (found.)
dip-coat operator
mono-shell operator

515. Crushing and Grinding Occupations
This group includes occupations concerned with reducing ore or concentrate to granules, grits, powder, paste, or pulp, or otherwise changing it from larger to smaller particles by such means as compression, smashing, cutting, grinding, or a combination of these methods.

515.130 MILL FOREMAN (ore dress., smelt., & refin.)
foreman, grinding
foreman, ore dressing
mill shifter
515.132 CRUSHER FOREMAN (ore dress., smelt., & refin.)
crusher-plant boss
crusher-shift foreman
515.782 GRINDING-MILL OPERATOR (mining & quarrying; ore dress., smelt., & refin.)
515.885 BATCH MAKER (iron & steel; nonfer. metal alloys)
CRUSHER MAN (ore dress., smelt., & refin.)
ore crusher
SCALE-RECLAMATION MAN (ore dress., smelt., & refin.)
STAMPMAN (ore dress., smelt., & refin.)
batteryman
stamper
WEIGHER-AND-CRUSHER MAN (ore dress., smelt., & refin.)
515.887 HAMMER-MILL OPERATOR (ore dress., smelt., & refin.)
shredder operator

518. Molders, Coremakers, and Related Occupations
This group includes occupations concerned with making molds or cores to be used in casting metal in a foundry.

518.381 BENCH-MOLDER APPRENTICE (jewelry)
sand-caster apprentice
COREMAKER (found.)
coremaker, experimental
518.381 Coremaker, Bench (found.)
Con. Coremaker, Floor (found.)
COREMAKER APPRENTICE (found.)
MOLDER (found.)
experimental molder
molder, snap
molder, specialty
mold maker
sand molder
Molder, Bench (conc. prod.; stonework)
Molder, Floor (found.)
MOLDER, SWEEP (found.)
floor molder, sweep method
MOLDER APPRENTICE (found.)
sand-molder apprentice
MOLDER, BENCH (jewelry)
sand caster
518.687 CORE CHECKER (found.)
core inspector
Mold Checker (found.)
518.780 SET-UP MAN, MOLDING-AND-COREMAKING MACHINES (found.)
core-room set-up man
pattern setter
518.782 MACHINE MOLDER (found.)
machine line molder
Machine Molder, Roll-Over (found.)
Machine Molder, Squeeze (found.)
Molder, Fitting (found.)
518.883 SAND-SLINGER OPERATOR (found.)
sand slinger
sand-slinging-machine molder
518.884 COREMAKER, PIPE (found.)
CORE SETTER (found.) I
MOLD CLOSER (found.)
close-up man
core mounter
core setter
dry floorman
finish molder
flask fitter
mold finisher
MOLD MAKER (ore dress., smelt., & refin.)
PLASTER MOLDER (found.) II
WAX-PATTERN ASSEMBLER (found.)
WAX-PATTERN REPAIRER (found.)
inspector
518.885 COREMAKER, MACHINE (found.) I
core stripper
Crankcase Coremaker (auto. mfg.)
Jacket Coremaker (auto. mfg.)
COREMAKER, MACHINE (found.) II
tube coremaker
COREMAKER, MACHINE (found.) III
core-blower operator
CORE-OVEN TENDER (found.)
core baker
core-drier man
core-oven man
fireman, core oven
ovenman
SHELL-MOLD-BONDING-MACHINE OPERATOR (found.)
bonder
bonding-machine operator
shell-mold bonder
SHELL MOLDER (found.)
Shell Coremaker (found.)
518.887 FOUNDRY LABORER, CORE ROOM (found.)
coremaker helper
core fitter
core paster
gagger man
Core Assembler (found.)
Core Carrier (found.)
Core Dipper (found.)
Core Filer (found.)
Core Patcher (found.)
Rack Tender, Cores (found.)
Wire Bender (found.)
Wire Cutter (found.)
Wire Puller (found.)
Wire Straightener (found.)
MOLD-MAKER HELPER (ore dress., smelt., & refin.)

519. Ore Refining and Foundry Occupations, n.e.c.
This group includes occupations, not elsewhere classified, concerned with refining ore, ore concentrate, pig, or scrap and casting metal in a foundry.

519.130 CELL-FEED-DEPARTMENT FOREMAN (ore dress., smelt., & refin.)
FOREMAN, LEAD REFINERY (ore dress., smelt., & refin.)
FOREMAN, REVERBERATORY FURNACE (ore dress., smelt., & refin.)
FOREMAN, SINTERING PLANT (ore dress., smelt., & refin.)
FOREMAN, URANIUM PROCESSING (ore dress., smelt., & refin.)
SAMPLER, HEAD (ore dress., smelt., & refin.)
519.131 FOUNDRY FOREMAN (found.)
Casting Foreman (found.)
Coremaking Foreman (found.)
Cupola-Melting Foreman (found.)
Finishing Foreman (found.)
Mold-Making Foreman (found.)
MILL-LABOR FOREMAN (ore dress., smelt., & refin.)
519.132 FOREMAN, BLAST FURNACE (iron & steel)
blower, blast furnace
FOREMAN, BLAST-FURNACE AUXILIARIES (iron & steel)
FOREMAN, CELL OPERATIONS (ore dress., smelt., & refin.)
SOLDER MAKER (nonfer. metal alloys)
519.134 POT-LINING FOREMAN (ore dress., smelt., & refin.)
519.137 FOREMAN, MOLD YARD (iron & steel)
FOREMAN, SCRAP PREPARATION (iron & steel)
519.387 MANOMETER TECHNICIAN (ore dress., smelt., & refin.)
519.782 RECOVERY OPERATOR (ore dress., smelt., refin.)
TANK-HOUSE MAN (ore dress., smelt., & refin.)
system man
Starting-Sheet-Tank Operator (ore dress., smelt., & refin.)
NICKEL-PLANT OPERATOR (ore dress., smelt., & refin.)
519.883 DROSSMAN (ore dress., smelt., & refin.)
LARRYMAN (coke prod.)
charger-car operator
charging-car operator
gas tender
OPERATOR, DOOR MACHINE (coke prod.)
discharge-door man
door-jack man
door-machine operator
PUSHERMAN (coke prod.)
pusher engineer
pusher operator
QUENCHING-CAR MAN (coke prod.)
hot-car man
hot-car motorman
hot-car operator
519.884 LEAF COVERER (ore dress., smelt., & refin.)
MOLD DRESSER (ore dress., smelt., & refin.)
chipper
equipment man
mold chipper
POT LINER (ore dress., smelt., & refin.)
SAMPLEMAN (ore dress., smelt., & refin.)
raw sampler
sample carrier
STOPPER MAKER (iron & steel)
stopper-rod maker
TOOL REPAIRMAN (ore dress., smelt., & refin.)
519.885 BRIQUETTING-MACHINE OPERATOR (ore dress., smelt., & refin.)
pellet-press operator
DIGESTION OPERATOR (ore dress., smelt., & refin.)
FLUX MIXER (nonfer. metal alloys; ore dress., smelt., & refin.)
dross puller
melting-furnace skimmer
skimmer
GRANULATOR MAN (iron & steel)
GRINDER-MILL OPERATOR (ore dress., smelt., & refin.)
GROUTMAN (ore dress., smelt., & refin.)
HARDNESS TESTER (mining & quarrying) I

519.885 Con.
KETTLEMAN (ore dress., smelt., & refin.)
fireman
Desilverizer (ore dress., smelt., & refin.)
KETTLE OPERATOR (ore dress., smelt., & refin.)
MUD BOSS (ore dress., smelt., & refin.)
MUD-MILL MAN (ore dress., smelt., & refin.)
pug-mill man
RECOVERY-OPERATOR HELPER (ore dress., smelt., & refin.)
ROD-MILL MAN (cement; fertilizer; graphite; ore dress., smelt., & refin.)
regrind mill operator
SAMPLE TESTER-GRINDER (mining & quarrying)
STANDPIPE MAN (coke prod.)
damperman
topman
valve man
TANK-HOUSE-MAN HELPER (ore dress., smelt., & refin.)
precipitator-man helper
system-man helper
Grease-Machine Man (ore dress., smelt., & refin.)
Looper (ore dress., smelt., & refin.)
Sheet Hanger (ore dress., smelt., & refin.)
Stripper (ore dress., smelt., & refin.)
WET-PLANT OPERATOR (ore dress., smelt., & refin.)

519.886 LABORER, GENERAL (nonfer. metal alloys)
Chip-Crusher Operator (nonfer. metal alloys)
Chip Drier (nonfer. metal alloys)
General Scrapman (nonfer. metal alloys)
Inspector (nonfer. metal alloys) II
Soap Man (nonfer. metal alloys)
TOP-PRECIPITATOR-OPERATOR HELPER (ore dress., smelt., & refin.)

519.887 CARBON SETTER (ore dress., smelt., & refin.)
CELL PLASTERER (ore dress., smelt., & refin.)
DUST PULLER (ore dress., smelt., & refin.)
flue-dust laborer
FOUNDRY WORKER, GENERAL (found.)
Casting Carrier (found.)
Casting Cleaner (found.)
Casting Sorter (found.)
Casting Wheeler (found.)
Clamp Handler (found.)
Cupola-Repairman Helper (found.)
Cupola-Tender Helper (found.)
Flask Carrier (found.)
Flask Cleaner (found.)
Hydraulic Cleaner, Core (found.)
Iron Carrier (found.)
Jacket Changer (found.)
Ladle-Liner Helper (found.)
Ladle-Man Helper (found.)
Ladle Pusher (found.)
Mold Clamper (found.)
Mold-Closer Helper (found.)
Molder Helper (found.)
Molder Helper, Machine (found.)
Mold Stacker (found.)
Pattern Carrier (found.)
Pattern Cleaner (found.)
Pourer, Hand Ladle (found.)
Sand Cutter (found.)
Sand-Mixer Helper, Machine (found.)
Sand Screener Operator (found.)
Sand Shoveler (found.)
Sand Wheeler (found.)
Scrap Breaker (found.)
Shake-Out Man (found.)
Skimmer, Ladle (found.)
Slag Man (found.)
Sprue Knocker (found.)
Tip-Cart Man (found.)
Torcher (found.)
LABORER, GENERAL (ore dress., smelt., & refin.)
floorman
RODDING-ANODE MAN (ore dress., smelt., & refin.)
STOPPER-MAKER HELPER (iron & steel)

519.887 Con.
TEST BOY (found.)
chill man
sample boy
THIRD HELPER (iron & steel)
open-hearth-furnace laborer

52 **OCCUPATIONS IN PROCESSING OF FOOD, TOBACCO, AND RELATED PRODUCTS**

This division includes occupations concerned with preparing food, tobacco, and related products for commercial use. Includes manufacturing phases after harvesting and prior to marketing. Such activities as slaughtering livestock, blending cheeses, fermenting alcohol, and smoking hams are included in this division. Marking and packaging occupations are included here when they occur at the end of a production process.

520. **Mixing, Compounding, Blending, Kneading, Shaping, and Related Occupations**

This group includes occupations concerned with combining and mingling various materials to produce a single mass or compound and working an object or material by pressure and configuration to shape it or effect its texture and consistency.

520.132 FOREMAN, COMPRESSED YEAST (food prep., n.e.c.)
520.137 FOREMAN, LUMP ROOM (tobacco)
foreman, rolling room
520.381 HONEY GRADER-AND-BLENDER (food prep. n.e.c.)
honey liquefier
520.487 CHEESE BLENDER (dairy prod.)
PANTRYGIRL (confection.)
520.587 SCRAPMAN (macaroni & rel. prod.)
520.687 BLENDER (tobacco)
granulating blender
leaf blender
CASING-MATERIAL WEIGHER (tobacco)
casing mixer
flavor man
top-flavor attendant
520.782 BLENDING-PLANT OPERATOR (oils & fats)
BULK-PLANT OPERATOR (sugar)
CENTER-MACHINE OPERATOR (confection.)
casting-machine operator
extruding-machine operator
Fondant-Puff Maker (confection.)
Marshmallow Runner (confection.)
CISTERN-ROOM OPERATOR (distilled liquors)
cistern-room working-foreman
subwarehouse foreman
CRACKER-AND-COOKY-MACHINE OPERATOR (bake. prod.)
machine captain
Bar-Machine Operator (bake. prod.)
Drop-Machine Operator (bake. prod.)
Fig-Bar-Machine Operater (bake. prod.)
Rotary-Machine Operator (bake. prod.)
CUBELET STATION OPERATOR (sugar)
DOUGH MIXER (bake. prod.)
mixing-machine attendant
Bread-Dough Mixer (bake. prod.)
Cooky Mixer (bake. prod.)
Cracker-Dough Mixer (bake. prod.)
Dog-Food-Dough Mixer (bake. prod.)
Doughnut-Dough Mixer (bake. prod.)
Pastry Mixer (bake. prod.)
Pie-Crust Mixer (bake. prod.)
Pretzel-Dough Mixer (bake. prod.)
Sweet-Dough Mixer (bake. prod.)
DOUGH-MIXER OPERATOR (bake. prod.)
control-panel operator
panelman
EXTRUDER OPERATOR (cereal)
Pellet Operator (cereal)
GUM-SCORING-MACHINE OPERATOR (chew. gum)
gum-rolling-machine tender
MOLDING-MACHINE OPERATOR (confection.)
mogul operator
NOODLE PRESSMAN (macaroni & rel. prod.)
SPINNER (confection.)
batch-roller operator
hard-candy spinner

520.782 Con.
set-up man
stick-candy puller
stick spinner
Coconut-Jelly Roller (confection.)
WHIPPED-TOPPING FINISHER (oils & fats)
520.884 ALMOND-PASTE MOLDER (confection.)
marzipan molder
BENCH HAND (bake. prod.)
baker, bench
dough molder, hand
ROLLER (confection.) I
candy mixer
candy roller
center maker, hand
slab worker
stick roller
520.885 BATTER MIXER (bake. prod.)
controls man
mixing-machine attendant
Cake-Batter Mixer (bake. prod.)
Doughnut-Batter Mixer (bake. prod.)
Wafer-Batter Mixer (bake. prod.)
BATTER MIXER (food prep., n.e.c.)
batch mixer
BLENDER (bake. prod.)
bolter
flour blender
flour mixer
mill operator
BLENDER-MACHINE OPERATOR (oils & fats)
BLENDER, SNUFF (tobacco)
BLENDING-LINE ATTENDANT (tobacco)
Turkish-Line-Attendant (tobacco)
Virginia-Line Attendant (tobacco)
BLENDING-TANK TENDER (flav. ext. & sirup)
blender
blending-kettle tender
BRINE-MIXER OPERATOR, AUTOMATIC (can. & preserv.)
BROTH MIXER (bake. prod.)
broth setter
CAKE FORMER (oils & fats)
cake-former runner
former
former man
former puller
CAKE STRIPPER (oils & fats)
CANDY-MAKER HELPER (confection.) I
candy-cooker helper
whipper-beater
Caramel-Candy-Maker Helper (confection.)
Nougat-Candy-Maker Helper (confection.)
CANDY PULLER (confection.)
hard-candy batch-mixer
slabman
Taffy Puller (confection.)
CASING-FLUID TENDER (tobacco)
flavoring maker
CASTING-MACHINE OPERATOR (confection.) I
CASTING-MACHINE OPERATOR (dairy prod.)
TRAY-CASTING-MACHINE OPERATOR (dairy prod.)
CHOPPING-MACHINE OPERATOR (slaught. & meat pack.)
CHURN-AND-MILK MAN (oils & fats)
churn operator
vatman
Shortening Man (oils & fats)
CHURNER (oils & fats)
picker-box operator
COCOA-POWDER-MIXER OPERATOR (choc. & cocoa)
Dairy-Powder-Mixer Operator (choc. & cocoa)
CONFECTIONERY-DROPS-MACHINE OPERATOR (choc. & cocoa; confection.)
Chocolate-Drops-Machine Operator (choc. & cocoa)
COOKER, CASING (tobacco)
cook-and-dip man
flavor maker
COOLER MAN (sugar)
Vortex Operator (sugar)

520.885 Con.
DIVIDING-MACHINE OPERATOR (bake. prod.)
roll-dough divider
roll-machine operator
Molding-Machine Operator (bake. prod.)
DOUGH-BRAKE-MACHINE OPERATOR (bake. prod.)
DRESSING-MACHINE OPERATOR (tobacco)
redresser operator
Domestic Dresser (tobacco)
Redressing-Machine Operator (tobacco)
Turkish Dresser (tobacco)
FEED BLENDER (corn prod.)
FEED MIXER (grain & feed mill.)
batch-mixer operator
feeder operator
mash-feed mixer operator
mixer man
Dairy-Feed-Mixing Operator (grain & feed mill.)
Limer (grain & feed mill.)
Molasses-Feed Mixer (grain & feed mill.)
Poultry-Feed-Mixer Operator (grain & feed mill.)
FEEDER OPERATOR, AUTOMATIC (grain & feed mill.)
FLAKING-ROLL OPERATOR (cereal)
flake-or-shred-roll operator
roll operator
FLOUR BLENDER (grain & feed mill.)
blender
FLOUR MIXER (grain & feed mill.)
mixer-and-scaler
mixer operator
Self-Rising-Flour Man (grain & feed mill.)
GRAIN MIXER (grain & feed mill.)
grain blender
transfer man
GREEN-COFFEE BLENDER (food prep., n.e.c.)
coffee blender
ICING MIXER (bake. prod.)
filler mixer
Cooker, Pie Filling (bake. prod.)
Fruit Mixer (bake. prod.)
Pie-Filling Mixer (bake. prod.)
KETTLEMAN (chew. gum)
LOZENGE-DOUGH MIXER (confection.)
Kiss Mixer (confection.)
Mint-Lozenge Mixer (confection.)
LUMP-MACHINE OPERATOR (tobacco)
chewing-plug-machine operator
Plug Former, Machine (tobacco)
MASH GRINDER (dairy prod.)
MILL FEEDER (grain & feed mill.)
MINGLER OPERATOR (sugar)
MIXER (food prep., n.e.c.)
MIXER-AND-BLENDER (food prep., n.e.c.)
Egg-and-Spice Mixer (food prep., n.e.c.)
Mayonnaise Mixer (food prep., n.e.c.)
Mustard Mixer (food prep., n.e.c.)
MIXER, CHILI POWDER (food prep., n.e.c.)
MIXER, DRY-FOOD PRODUCTS (food prep., n.e.c.)
Baking-Powder Mixer (food prep., n.e.c.)
MIXER OPERATOR (choc. & cocoa)
five-roll-refiner batch mixer
Melangeur Operator (choc. & cocoa)
MIXER OPERATOR (flav. ext. & sirup)
Gelatin-Powder Mixer (flav. ext. & sirup)
Soft-Drink-Powder Mixer (flav. ext. & sirup)
MIXER OPERATOR (salt production)
Mixer Operator, Raw Salt (salt production)
Mixer Operator, Tablets (salt production)
Mixer Operator, Vacuum-Pan Salt (salt production)
MIXER, WHIPPED TOPPING (food prep., n.e.c.)
MIXING-MACHINE OPERATOR (can. & preserv.)
MIXING-MACHINE OPERATOR (food prep., n.e.c.)
MIXING-TANK OPERATOR (oils & fats)
mix man

520.885 Con.
PELLET-MILL OPERATOR (grain & feed mill.)
feed-and-pellet operator
PLUG SHAPER, HAND (tobacco)
shape hand
Shape Greaser (tobacco)
Tin-plate Cleaner (tobacco)
POTTER (tobacco)
chewing-twist prizer
pot-mill packer-and-wrencher
twist-or-plug potter
PRESSER (corn prod.)
PRESSMAN (macaroni & rel. prod.)
Pressman, Long Goods (macaroni & rel. prod.)
Pressman, Short Goods (macaroni & rel. prod.)
PRESS OPERATOR, MEAT (slaught. & meat pack.)
Butt Presser (slought. & meat pack.)
Ham Molder (slaught. & meat pack.)
PRETZEL-TWISTING-MACHINE OPERATOR (bake. prod.)
Pretzel-Stick-Machine Operator (bake. prod.)
REFINED-SIRUP OPERATOR (sugar)
ROLLING-MACHINE OPERATOR (confection.)
candy-rolling-machine operator
cut-roll-machine operator
roller operator
SAUSAGE MAKER (slaught. & meat pack.)
SAUSAGE MIXER (slaught. & meat pack.)
SIRUP MAKER (flav. ext. & sirup)
cooker, sirup
cook, sirup
sauce maker
sirup man
sirup-room man
Sirup Blender (flav. ext. & sirup)
Sirup Filterer (flav. ext. & sirup)
SNUFF-BLENDING-MACHINE OPERATOR (tobacco)
snuff mixer
SPICE MIXER (food prep., n.e.c.)
spice blender
Tea Blender (food prep., n.e.c.)
STARCHMAKER (corn prod.)
STARCH-TREATING ASSISTANT (corn prod.)
STUFFER (slaught. & meat pack.)
sausage stuffer
BULK-SAUSAGE-STUFFING-MACHINE OPERATOR (slaught. & meat pack.)
MOLDER, MEAT (slaught. & meat pack.)
Hand Molder, Meat (slaught. & meat pack.)
SWEET-GOODS-MACHINE OPERATOR (bake. prod.)
bench hand, machine
dough sheeter
TUMBLER TENDER (food prep., n.e.c.)
YEAST CUTTER (food prep., n.e.c.)

520.886 BALL-MACHINE OPERATOR (confection.)
ball-rolling-machine operator
candy roller
COFFEE DUMPER (food prep., n.e.c.)
DESSERT-CUP-MACHINE FEEDER (bake. prod.)
DRY-FLAVORING MAN (tobacco)
dry-flavoring-machine operator
FEED-MIXER HELPER (grain & feed mill.)
feeder loader
hopper loader
mixer-machine feeder
mixer-man helper
FLOUR-BLENDER HELPER (grain & feed mill.)
blender helper
bolter helper
feed-in man
flour-dumper helper
flour-mixer helper
GLUCOSE-AND-SIRUP WEIGHER (chew. gum)
MASHING HAND (tobacco)
cheese former
knock-out man
masher hand
masher operator, hydraulic
plug-press operator, hydraulic
plug-weigh-off hand
prize hand
shape feeder
shape hand

520.886 Con.
Plug Remover (tobacco)
Press Feeder (tobacco)
Shape Packer (tobacco)
Weigher, Masher Hand (tobacco)
MOLDING-MACHINE-OPERATOR HELPER (confection.)
mogul feeder
stack puller
Starch Dumper (confection.)
PLUG SHAPER, MACHINE (tobacco)
SNUFF-BLENDING-MACHINE-OPERATOR HELPER (tobacco)
blended-snuff sacker
snuff-flour sacker

520.887 BLENDER LABORER (tobacco)
BLINTZE ROLLER (food prep., n.e.c.)
cheese-pancake roller
BURRITO MAKER (food prep., n.e.c.)
taco maker
CANDY MOLDER, HAND (confection.)
molder, hand
novelty-candy maker
paste worker
Chocolate Molder (choc. & cocoa; confection.)
CANDY SPREADER (confection.)
candy maker helper
Candy Maker, Bar (confection.)
Rougher (confection.)
COLLECTOR (food prep., n.e.c.)
FILLER MIXER (tobacco)
filler blender
scrap preparer
Plug-Filler Mixer (tobacco)
Seed and Havana-Scrap Preparer (tobacco)
FOOD MIXER (grain & feed mill.)
GUM PULLER (chew. gum)
HOP WEIGHER (malt liquors)
weigher
LUMP WRAPPER, HAND (tobacco)
capper
nip wrapper
plug capper
plug wrapper
MINCEMEAT MAKER (can. & preserv.)
mincemeat-mixing-machine operator
PRETZEL TWISTER (bake. prod.)
SEASONING MIXER (slaught. & meat pack.)
spice mixer
SIRUP-MIXER ASSISTANT (corn prod.)
SPICE MIXER (can. & preserv.)

521. Separating, Crushing, Milling, Chopping, Grinding, and Related Occupations

This group includes occupations concerned with setting apart materials in a mixture by filtering, sifting, straining, squeezing, precipitation, centrifugal pressure, or agitation, and breaking materials and reducing them to smaller size by compression, chipping, and smashing.

521.130 FOREMAN, POWDERED SUGAR (sugar)
powdered-sugar foreman
MILLER FOREMAN (grain & feed mill.)
miller, first
miller, head
mill operator

521.132 FOREMAN, STEMMING DEPARTMENT (tobacco)
FOREMAN, THRESHING DEPARTMENT (tobacco)
FOREMAN, TIPPING DEPARTMENT (tobacco)
MILL PLATFORM FOREMAN (sugar)

521.138 RICE MILLER (grain & feed mill.)

521.687 BINDER SELECTOR (tobacco)
binder sorter

521.782 BATTERY OPERATOR (sugar)
CENTRIFUGAL OPERATOR (corn prod.; sugar)
Cubelet-Centrifugal Operator (sugar)
Low-Raw-Sugar Cutter (sugar)
Melt - House Centrifugal Operator (sugar)
Remelt-Centrifugal Operator (sugar)
Remelt-Sugar Cutter (sugar)
Soft-Sugar Cutter (sugar)
White-Sugar Centrifugal Operator (sugar)
CHAR-FILTER OPERATOR (sugar)

521.782 Con.
COCOA-PRESS OPERATOR (choc. & cocoa)
chocolate pressman
hydraulic pressman
FILTERMAN (corn prod.)
FLAKE MILLER, WHEAT AND OATS (cereal)
cereal miller
GERM-SEPARATOR MAN (corn prod.)
separator operator
GRINDER OPERATOR (grain & feed mill.)
feed miller
gristmiller
meal man
mill operator
roller-mill operator
Corn Miller (grain & feed mill.)
BURR-MILL OPERATOR (grain & feed mill.)
buhr miller
HULLERMAN (grain & feed mill.)
MILLER, WET PROCESS (corn prod.)
MILLMAN, DISTILLERY (distilled liquors)
graining man
grain miller
Grain-Cleaning-Machine Tender (distilled liquors)
Grain Inspector (distilled liquors)
Grain-Transfer Man (distilled liquors)
REFINERY OPERATOR (corn prod.)
control board operator, sugar refining
REFINERY OPERATOR, ASSISTANT (corn prod.)
REFINING-MACHINE OPERATOR (choc. & cocoa)
chocolate finisher
chocolate-finisher operator
chocolate refiner
chocolate-refining roller
SHRIMP-PEELING-MACHINE OPERATOR (can. & preserv.)
SILICA-FILTER OPERATOR (malt liquors)
diatomaceous-filter operator
filter-machine operator

521.884
OFFAL MAN (slaught. & meat pack.)
Beef-Pluck Trimmer (slaught. & meat pack.)
Bladder Trimmer (slaught. & meat pack.)
Bung Grader (slaught. & meat pack.)
Casing Puller (slaught. & meat pack.)
Gland Man (slaught. & meat pack.)
Lung Splitter (slaught. & meat pack.)
Viscera Washer (slaught. & meat pack.)

521.885
ALMOND-BLANCHER OPERATOR (nut process.)
ALMOND-CUTTING-MACHINE TENDER (nut process.)
Dicer-Machine Operator (nut process.)
Halver-Machine Operator (nut process.)
Slicer-Machine Operator (nut process.)
Sliver-Machine Operator (nut process.)
ALMOND-GRINDING-MACHINE OPERATOR (nut process.)
ALMOND HULLER (agric.)
BLEACHER, LARD (oils & fats; slaught. & meat pack.)
lard maker
BOLTER (grain & feed mill.)
sifter operator
Purifier (grain & feed mill.)
BREAKERMAN (corn prod.)
batch-tank man
BREAKING-MACHINE OPERATOR (chew. gum)
breaker operator
cutting-machine operator
BRINE-TANK-SEPARATOR OPERATOR (can. & preserv.)
CELLARMAN (vinous liquors)
winery worker
Pomace Pitcher (vinous liquors)
Pumpman (vinous liquors)
CENTRIFUGAL-STATION OPERATOR, AUTOMATIC (sugar)
CENTRIFUGE OPERATOR (can. & preserv.; oils & fats)
separator, fish oil
CENTRIFUGE OPERATOR (corn prod.)
CENTRIFUGE OPERATOR (dairy prod.)
CENTRIFUGE OPERATOR (food prep., n.e.c.)
separator operator
CLARIFIER (corn prod.; oils & fats)

521.885 Con.
CLARIFIER (vinous liquors)
CLARIFIER OPERATOR (sugar)
CLEAN-RICE GRADER AND REEL TENDER (grain & feed mill.)
reel tender
COCOA-BEAN CLEANER (choc. & cocoa)
bean dumper
COCOA-BUTTER-FILTER OPERATOR (choc. & cocoa)
cocoa-butter filterer
cocoa-butter man
Centrifugal Separator (choc. & cocoa)
COCOA-ROOM OPERATOR (choc. & cocoa)
cocoa-mill operator
COFFEE GRINDER (food prep., n.e.c.)
granulizing-machine operator
CORN GRINDER (food prep., n.e.c.)
CORN-GRINDER OPERATOR, AUTOMATIC (corn prod.)
CRACKING-AND-FANNING-MACHINE OPERATOR (choc. & cocoa)
cracker-fanner operator
CRUSHING-MACHINE OPERATOR (vinous liquors)
grape crusher
CUTTER, FROZEN MEAT (can. & preserv.)
CUTTING-MACHINE OPERATOR (confection.)
candy cutter, machine
cutter, machine
slicing-machine feeder
stripper-machine operator
Caramel Cutter, Machine (confection.)
Mint-Machine Operator (confection.)
Nougat Cutter, Machine (confection.)
EGG-BREAKING-MACHINE OPERATOR (slaught. & meat pack.)
ELECTRIC-SORTING-MACHINE OPERATOR (nut process.)
nut-sorter operator
EXTRACTOR-MACHINE OPERATOR (flav. ext. & sirup)
extractor operator
FEED GRINDER (grain & feed mill.)
Corn-Cutter Operator (grain & feed mill.)
Corn-Sheller Operator (grain & feed mill.)
Crimper Operator (grain & feed mill.)
Crusher-Machine Operator (grain & feed mill.)
Hammer-Mill Operator (grain & feed mill.)
Rolled-Oats-Mill Operator (grain & feed mill.)
FILTERMAN (vinous liquors)
FILTERMAN, HEAD (corn prod.)
char filterman
FILTERMAN HELPER (corn prod.)
FILTERMAN HELPER, HEAD (corn prod.)
char-filterman helper
FILTERMAN, JELLY (can. & preserv.)
FLOORMAN (grain & feed mill.)
FRUIT-PRESS OPERATOR (can. & preserv.; flav. ext. & sirup)
pressman
GLUTEN-SETTLING MAN (corn prod.)
GRADER MAN (agric.)
GRANULATING-MACHINE OPERATOR (tobacco)
granulator operator
GRANULATOR MAN (sugar)
granulator operator
sugar drier
GRATED-CHEESE MAKER (dairy prod.)
grating-machine operator
GRINDER OPERATOR (cereal)
GRINDER TENDER (grain & feed mill.)
grinder man
meal-grinder operator
roller tender
HASHER OPERATOR (slaught. & meat pack.)
mincing-machine operator
HONEY EXTRACTOR (food prep., n.e.c.)
HOPPER ATTENDANT (sugar)
HOP STRAINER (malt liquors)
hop separator
HOT-WORT TANKMAN (malt liquors)
wort man

521.885 Con.
KEY WASHERMAN (can. & preserv.)
dethistler operator
LABORATORY MILLER (grain & feed mill.)
LINTERMAN (oils & fats)
ginner
linter
LIQUOR-BRIDGE OPERATOR (sugar)
liquor-gallery operator
liquor man
liquor runner
LIQUOR-GRINDING-MILL OPERATOR (choc. & cocoa)
cocoa-milling-machine operator
LYE-PEEL OPERATOR (can. & preserv.)
Scalder (can. & preserv.)
MASH-FILTER OPERATOR (malt liquors)
filter-press operator
mash-filter-press operator
Lautertub Man (malt liquors)
MEAT-GRADING-MACHINE OPERATOR (nut process.)
MEAT GRINDER (slaught. & meat pack.)
grinding-machine operator
MILK-POWDER GRINDER (dairy prod.)
malted-milk mixer
MILLER (malt liquors)
millroom man
MILLMAN (sugar)
carrier operator
crusher man
crusher operator
MILLMAN HELPER, DISTILLERY (distilled liquors)
graining-man helper
grain-miller helper
MILL OPERATOR (corn prod.)
MONITOR-AND-STORAGE-BIN TENDER (grain & feed mill.)
binman
storage-bin adjuster
PANMAN (oils & fats)
cake panman
charger
cottonseed-meat presser
pan shaker
pan shoveler
pan shover
PEANUT BLANCHER (nut process.)
blanching-machine operator
POTATO-PEELING-MACHINE OPERATOR (food prep., n.e.c.)
POWDER-MILL OPERATOR (sugar)
Fondant-Machine Operator (sugar)
Powdered-Sugar-Pulverizer Operator (sugar)
PRESSMAN, HEAD (corn prod.)
PRESSMAN, HEAD, FEED HOUSE (corn prod.)
rag-press operator
PRESS OPERATOR (distilled liquors)
PROCESSOR, GRAIN (grain & feed mill.)
cleaning-house man
grain cleaner
smutter
Separator Tender (grain & feed mill.)
PULPER TENDER (can. & preserv.)
extract operator
Tomato-Pulper Operator (can. & preserv.)
PULP-PRESS MAN (sugar)
RAISIN WASHER (food prep., n.e.c.)
RIDDLER OPERATOR (tobacco)
screenman
sieve operator
sifter
tobacco cleaner
tobacco-sieve operator
Granulated-Tobacco Screener (tobacco)
Shorts Sifter (tobacco)
Tobacco-Scrap Sifter (tobacco)
ROUGH-RICE TENDER (grain & feed mill.)
SAND-SCREEN OPERATOR, AUTOMATIC (tobacco)
sand-reel operator
shaker operator
SCREEN-ROOM OPERATOR (sugar)

521.885 Con.
SEPARATOR MAN (corn prod.)
Reel Man (corn prod.)
Shaker Man (corn prod.)
SEPARATOR OPERATOR (glue)
SEPARATOR OPERATOR, SHELLFISH MEATS (can. & preserv.)
SHELLER (nut process.) II
crackerman
SIEVE-GRADER TENDER (can. & preserv.)
SLICE-PLUG-CUTTER OPERATOR (tobacco)
cheese cutter
slice - cutting - machine operator
tobacco cutter
SLICING-MACHINE OPERATOR (bake. prod.)
Band-Saw Operator, Cake Cutting (bake. prod.)
Bread Slicer, Machine (bake. prod.)
Cake Cutter, Machine (bake. prod.)
Wafer Cutter (bake. prod.)
SLICING-MACHINE OPERATOR (slaught. & meat pack.)
SMOKING-TOBACCO-CUTTER OPERATOR (tobacco)
tobacco cutter
SNUFF GRINDER (tobacco)
snuff miller
SNUFF SCREENER (tobacco)
snuff bolter
SOFT-SUGAR OPERATOR, HEAD (sugar)
SORTING-MACHINE OPERATOR (can. & preserv.)
grading-machine feeder
sizing-machine operator
sorting-machine attendant
SPICE CLEANER (food prep., n.e.c.)
SPICE MILLER (food prep., n.e.c.)
spice grinder
spice-grinding-mill operator
Chili-Pepper Grinder (food prep., n.e.c.)
Cinnamon Grinder (food prep., n.e.c.)
Spice Miller, Hammer Mill (food prep., n.e.c.)
Spice Miller, Rolling Mill (food prep., n.e.c.)
STEMMER, MACHINE (tobacco)
booker
stemmer
stripper, machine
stripper-machine operator
stripping-and-booking-machine operator
stripping-machine operator
tobacco stemmer, machine
tobacco-stripping-machine operator
wrapper-stemmer operator
Binder Stripper, Machine (tobacco)
Filler Stripper (tobacco)
Wrapper Stripper (tobacco)
STEM-ROLLER-OR-CRUSHER OPERATOR (tobacco)
crusher operator
roller operator
STRIP-CUTTING-MACHINE OPERATOR (tobacco)
cutting-machine operator
shredding-machine operator
tobacco cutter
STRIPPER-CUTTER, MACHINE (macaroni & rel. prod.)
sawyer
SUGAR-CHIPPER-MACHINE OPERATOR (corn prod.)
sugar grinder
SUGAR GRINDER (sugar)
SUGAR-MILL OPERATOR (tobacco)
SUGAR PRESSER (corn prod.)
THRESHER (tobacco)
stem-cleaning-machine feeder
stem-threshing-machine operator
threshing-machine operator
TIPPLE-MACHINE MAN (corn prod.)
UTILITY MAN (grain & feed mill.)
WINTERIZER (oils & fats)
oil winterizer

521.886 BOLTER HELPER (grain & feed mill.) I
CAKE PULLER (oils & fats)
knocker
CHICLE-GRINDER FEEDER (chew. gum)
COTTON PULLER (oils & fats)

521.886 Con.
CUSTOM-FEED-MILL-OPERATOR HELPER (grain & feed mill.)
CUT-IN MAN (grain & feed mill.)
FISH-MACHINE FEEDER (can. & preserv.)
Filling-Machine Feeder (can. & preserv.)
Fish-Boning-Machine Feeder (can. & preserv.)
Fish-Cutting-Machine Operator (can & preserv.)
Fish Flipper (can. & preserv.)
Fish-Skinning-Machine Feeder (can. & preserv.)
Fish Straightener (can. & preserv.)
FLUMER (corn prod.)
FLUMER (sugar) II
beet flumer
NUT CHOPPER (confection.; food prep., n.e.c.; nut process.)
PROCESSOR HELPER (grain & feed mill.)
SCRAP SORTER (tobacco) II
scrap cleaner
scrap picker
scrap searcher
scrap spreader
SLICE-PLUG-CUTTER-OPERATOR HELPER (tobacco)
slice-cutting-machine-operator helper

521.887 ALMOND BLANCHER, HAND (nut process.)
BATTERY-OPERATOR HELPER (sugar)
Cell Dumper (sugar)
Cell Filler (sugar)
Cell Washer (sugar)
BINDER CUTTER, HAND (tobacco)
filler-leaf cutter, long
BONE PICKER (can. & preserv.)
CHAR-FILTER-OPERATOR HELPER (sugar)
CHAR PULLER (corn prod.; sugar)
COFFEE-ROASTER HELPER (food prep., n.e.c.)
DRIP-BOX TENDER (corn prod.)
Starch Presser (corn prod.)
EGG BREAKER (any ind.)
breaking-room girl
Egg Smeller (any ind.)
FILLER SPREADER (tobacco)
FILTER CHANGER (malt liquors)
FILTER-SCREEN CLEANER (malt liquors)
FISH-LIVER SORTER (can. & preserv.; fish.)
FRUIT CUTTER (confection.)
Date Puller (confection.)
GANG-KNIFE MAN (can. & preserv.)
fish chopper
HONEYCOMB DECAPPER (food prep., n.e.c.)
comb capper
LABORER, SIRUP MACHINE (corn prod.)
LIQUOR-BRIDGE-OPERATOR HELPER (sugar)
NUT SORTER (nut process.)
hull cleaner
hull sorter
nut cleaner
nut picker
nut sifter
picking-belt operator
Almond Sorter (nut process.)
Peanut Sorter (nut process.)
NUT STEAMER (nut process.)
steamer operator
PEELED-POTATO INSPECTOR (food prep., n.e.c.)
potato spotter
PICKER (tobacco)
lamina searcher
scrap picker
searcher
table woman
Bundle Picker (tobacco)
Damaged-Tobacco Picker (tobacco)
Filler Picker (tobacco)
Fine-Scrap Searcher (tobacco)
Re-Searcher (tobacco)
Scrap Sorter (tobacco) I
Shorts Picker (tobacco)
Stem Picker (tobacco)
Strip Picker (tobacco)
Strip Searcher, Machine (tobacco)
PICKING-TABLE MAN (sugar)
RIDDLER CLEANER (tobacco)

521.887 Con.
SAUSAGE-MEAT TRIMMER (slaught. & meat pack.)
beef trimmer
green-meat assemblyman
lard trimmer
piece-meat trimmer
piece trimmer
retrimmer
SHAKER (tobacco)
bundle shaker
filler opener
filler shaker
hand shaker
tobacco shaker
Frog Shaker (tobacco)
Wrapper Opener (tobacco)
SHAKER WASHER (corn prod.)
SHELLER (nut process.) I
huller operator
separator man
SHELLFISH SHUCKER (can. & preserv.)
shucker
Clam Shucker (can. & preserv.)
Oyster Shucker (can. & preserv.)
Scallop Shucker (can. & preserv.)
SKIN LIFTER, BACON (slaught. & meat pack.)
SKULL GRINDER (slaught. & meat pack.)
head-bone grinder
turbinated-bone grinder
STEMMER, HAND (tobacco)
dropped-leaf stemmer
filler stemmer, hand
leaf stemmer, hand
sprigger
stripper, hand
tobacco stripper, hand
wrapper, stemmer, hand
Binder Stripper, Hand (tobacco)
Burley-Scrap Stemmer, Hand (tobacco)
Filler Stripper, Hand (tobacco)
Scrap Stripper, Hand (tobacco)
Wrapper Stripper, Hand (tobacco)
STOCK BOY, BUNCH TRIMMER (tobacco)

522. Culturing, Melting, Fermenting, Distilling, Saturating, Pickling, Aging, and Related Occupations

This group includes occupations concerned with growing bacteria or other micro-organisms in materials; liquefying solid materials by means of heat; breaking down complex molecules in organic compounds by the introduction of a ferment such as yeast; heating a mixture to separate the more volatile from the less volatile parts and then cooling and condensing the resulting vapor to produce a nearly pure or refined substance; soaking thoroughly, filling, charging, or treating a substance with another so that no more can be taken up; preserving and flavoring materials or products by immersing, coating, or injecting them with preservatives; and subjecting materials or products to the effects of time.

522.130 FOREMAN, MELT HOUSE (sugar)
melt-house foreman
Foreman, Remelt (sugar)
522.131 DISTILLING-DEPARTMENT FOREMAN (distilled liquors)
522.132 FOREMAN, MALT HOUSE (malt liquors)
522.687 LIQUOR INSPECTOR (distilled liquors)
content checker
Gin Inspector (distilled liquors)
Whisky Inspector (distilled liquors)
522.782 COTTAGE-CHEESE MAKER (dairy prod.)
cottage-cheese man
FERMENTATION OPERATOR (distilled liquors)
KETTLEMAN (malt liquors) II
LIQUOR BLENDER (distilled liquors)
filter operator
Rectifying Attendant (distilled liquors)
Whisky Filterer (distilled liquors)
Whisky Proofreader (distilled liquors)
Whisky-Regage Man (distilled liquors)
MASHER (malt liquors)
mash man
mash-tub man
MASH-TUB-COOKER OPERATOR (distilled liquors)
cooker

522.782 Con.
ORDERING-MACHINE OPERATOR (tobacco)
conditioning-machine operator
drum-gill ordering man
ordering-box operator
reordering man
steam-box tender
steamer
RECEIVER, FERMENTING CELLARS (malt liquors)
SMOKER (slaught. & meat pack.)
meat smoker
smokehouse attendant
smokehouse man
STILL OPERATOR (distilled liquors)
beer-still runner
compounder
still runner
Still Operator, Brandy (distilled liquors)
Still Operator, Gin (distilled liquors)
Still Operator, Whisky (distilled liquors)
STILL OPERATOR (vinous liquors)
SUGAR BOILER (sugar)
High-Raw-Sugar Boiler (sugar)
Remelt-Sugar Boiler (sugar)
Soft-Sugar Boiler (sugar)
White-Sugar Boiler (sugar)
YEAST DISTILLER (distilled liquors)
yeast maker
yeast man

522.884 NEUTRALIZER MAN (corn prod.)
PICKLER (can. & preserv.)
pickle maker
pickleman
pickle processor
Fish Pickler (can. & preserv.)
Gherkin Pickler (can. & preserv.)
Pepper Pickler (can. & preserv.)
Sweet - Pickled - Fruit Maker (can. & preserv.)
Sweet-Pickle Maker (can. & preserv.)

522.885 BARLEY STEEPER (malt liquors)
steeper
steep man
BRINE MAKER (can. & preserv.) I
brineman
pickling-solution maker
CARBONATION MAN (malt liquors)
CASING-MACHINE OPERATOR (tobacco)
flavoring-machine operator
overshot operator
tobacco flavorer
Lump-Tobacco Sprayer (tobacco)
CORN COOKER (food prep., n.e.c.)
CURING-BIN OPERATOR (cereal)
temper-bin man
DE-ALCOHOLIZER (malt liquors)
DROPPER, FERMENTING CELLAR (malt liquors)
DRUM MAN (malt liquors) I
unloader
FERMENTER, WINE (vinous liquors)
FILTER TENDER (corn prod.)
FISH SMOKER (can. & preserv.)
smokehouse man
GERMINATION WORKER (malt liquors)
compartment man
drum man
germination man
temperature man
HONEY PROCESSOR (food prep., n.e.c.)
filterman
pasteurizer
MALT-HOUSE OPERATOR (malt liquors)
MOLASSES PREPARER (food prep., n.e.c.)
mash-floor operator
NICOTINE EXTRACTOR (tobacco)
PUMPER (slaught. & meat pack.)
injection-machine operator
pickle pumper
pickle-water-pump operator
pumpman
vein pumper
Pumper, Hand (slaught. & meat pack.)
SEED-YEAST OPERATOR (food prep., n.e.c.)
pure-culture operator
yeast-culture operator

522.885 Con.
STEEPMAN (corn prod.)
steep tender
Bottom Steepman (corn prod.)
Top Steepman (corn prod.)
SUGAR - PROCESSING - EQUIPMENT TENDER (sugar)
Dorr operator
VACUUM-CONDITIONER OPERATOR (tobacco)
conditioner operator
vacuum operator
WRINGER OPERATOR (tobacco)
casing-wringer operator
wrapper dipper
wringer man
YEAST-FERMENTATION MAN (food prep., n.e.c.)
YEAST PUSHER (malt liquors)
yeast-room man

522.886 CHIPMAN (malt liquors)
chip washer
GENERAL HELPER (food prep., n.e.c.)
fermenter helper
yeast stacker

522.887 BARREL FILLER (distilled liquors)
checker
Drum Filler (distilled liquors)
BRINER (can. & preserv.)
dipper, fish
BULKER (tobacco)
COMBER (slaught & meat pack.)
bacon comber
skinned-bacon comber
washed-bacon comber
washroom comber
FILLER MAN (tobacco)
curing-room man
filler-room attendant
LEAF CONDITIONER (tobacco)
caser
casing wetter
cellarman
conditioner
preparing band
tobacco conditioner
tobacco curer
tobacco dipper
water caser
Binder Caser (tobacco)
Sumatra Caser (tobacco)
Wrapper Caser (tobacco)
CIGAR-TOBACCO REHANDLER (tobacco)
LEAF-CONDITIONER HELPER (tobacco)
caser helper
cellarman helper
floor boy, leaf
LUMP GREASER (tobacco)
PICKLE MAKER (slaught. & meat pack.)
PICKLER (slaught. & meat pack.)
curing packer
green-meat packer
vat overhauler
vat packer
PRIZER (tobacco)
hogshead filler
hogshead packer
loose-hand packer
packer
Green-Prize Packer (tobacco)
Hands Packer (tobacco)
Stem Packer (tobacco)
Strip Walker (tobacco)
SNUFF CASER (tobacco)
SPICE FUMIGATOR (food prep., n.e.c.)
SUGAR-BOILER HELPER (sugar)
pan helper
TOBACCO-HANDS DROPPER (tobacco)
hander
leaf-tobacco hander
TOBACCO RACKER (tobacco)
leaf-rack man
TURNER (can. & preserv.)
box turner
WRAPPER-HANDS SPRAYER (tobacco)
tobacco sprayer

523. Heating, Rendering, Melting, Drying, Cooling, Freezing, and Related Occupations

This group includes occupations concerned with subjecting materials or products to heat and cold for a specific purpose, such as removing moisture or fat content, or preserving and storing them by refrigeration.

523.131 TESTING-AND-ANALYSIS DEPARTMENT FOREMAN (nut process.)
foreman, testing and analysis department.

523.132 REDRYING-MACHINE OPERATOR (tobacco)
drier operator-foreman
tobacco-drying-machine operator

523.137 PREPARATION FOREMAN (can. & preserv.)
Preparation Foreman, Canning (can. & preserv.)
Preparation Foreman, Freezing (can. & preserv.)

523.587 DRIER, SHORT GOODS (macaroni & rel. prod.)
utility man

523.688 WEIGH-BELT OPERATOR (tobacco)

523.780 COCOA-BEAN ROASTER (choc. & cocoa) II

523.782 CHOCOLATE TEMPERER (choc. & cocoa; confection.)
tempering-machine operator
COCOA-BEAN ROASTER (choc. & cocoa) I
DEXTRINE MIXER (corn prod.)
DIFFUSER OPERATOR (sugar)
DRIER OPERATOR (dairy prod.)
powder operator
Buttermilk - Drier Operator (dairy prod.)
DRIER OPERATOR (macaroni & rel. prod.)
DRUM DRIER (cereal)
FIREMAN, BONE-KILN, HEAD (corn prod.)
head kiln operator
FIREMAN, MALT HOUSE (malt liquors)
fireman
kiln fireman
GUNNER (cereal)
cereal popper
gunman
shooter
MAPLE-SIRUP MAKER (food prep., n.e.c.)
Maple-Products Maker (food prep., n.e.c.)
MELTER OPERATOR (sugar)
PERCOLATOR OPERATOR (cereal)
TOBACCO CURER (agric.)

523.885 BATCH FREEZER (dairy prod.)
BLANCHING-MACHINE OPERATOR (can. & preserv.)
blancher
BRINE MAKER (can. & preserv.) II
BUTTER LIQUEFIER (oils & fats)
butter melter
CHOCOLATE TEMPERER (bake. prod.)
chocolate maker
chocolate-mixer operator
COFFEE ROASTER (food prep., n.e.c.)
coffee-roasting-machine operator
roaster
COFFEE ROASTER, CONTINUOUS PROCESS (food prep., n.e.c.)
COOK-BOX FILLER (slaught. & meat pack.)
COOKER, MEAL (oils & fats)
cooker
heater tender
meal cook
meal temperer
COOLER OPERATOR (tobacco)
cooling-machine worker
COOLER TENDER (corn prod.)
COOLING-MACHINE OPERATOR (malt liquors)
cooler man
cooler operator
COOLING-PAN TENDER (can. & preserv.)
CRYSTALLIZER OPERATOR (corn prod.)
CRYSTALLIZER OPERATOR (sugar)
DEHYDRATOR MAN (can. & preserv.)
DRIER ATTENDANT (corn prod.; grain & feed mill.)
dehydrator
mill-drier man
steam drier
Fire Drier (corn prod.)
Germ Drier (corn prod.)
FEED-DRIER MAN (corn prod.)
drier man
SUGAR DRIER (corn prod.)

523.885 Con. DRIER, LONG GOODS (macaroni & rel. prod.)
long-goods drier
DRIER MAN (nut process.)
nut-dehydrator operator
Walnut-Dehydrator Operator (nut process.)
DRIER OPERATOR (can. & preserv.)
flaker operator
DRIER TENDER (oils & fats) I
FIREMAN, KILN (sugar)
FISH BROILER (can. & preserv.)
Sardine Broiler (can. & preserv.)
GRAIN DRIER (malt liquors)
spent-grain drier
GRAIN-DRIER OPERATOR (corn prod.; grain & feed mill.)
Rice-Drier Operator (grain & feed mill.)
GRAIN-WAFER-MACHINE OPERATOR (bake. prod.)
ICEMAKER (ice)
Can Filler (ice)
Dumper (ice)
Ice Puller (ice)
INSTANTIZER OPERATOR (dairy prod.)
PASTEURIZER (malt liquors)
PASTEURIZER (oils & fats)
PRESSURE-TANK OPERATOR (glue)
PULP-DRIER FIREMAN (sugar)
RENDER MAN (slaught. & meat pack.)
Cooker and Presser (slaught. & meat pack.)
Crackling-Press Operator (slaught. & meat pack.)
Oil-Expeller Man (slaught. & meat pack.)
Press Operator (slaught. & meat pack.)
Tallow Pumper (slaught. & meat pack.)
Tankage-Grinder Operator (slaught. & meat pack.)
Tank Charger (slaught. & meat pack.)
ROASTER, GRAIN (cereal)
ROLLER-ROOM MAN (slaught. & meat pack.)
cooling-roll operator
lard-roller man
roll-machine operator
rollman
STARCHMAKER (garment)
cooker, starch
STERILIZER OPERATOR (dairy prod.)
TOBACCO-DRIER OPERATOR (tobacco)
drying-oven tender
Snuff Drier (tobacco)
Tobacco-Stem-Drier Operator (tobacco)
TOASTER OPERATOR (tobacco)
WINE PASTEURIZER (vinous liquors)

523.886 COCOA-BEAN-ROASTER HELPER (choc. & cocoa)
roaster helper
OVEN TENDER (tobacco)
TEXTILE-DRIER-OVEN FEEDER (tobacco)

523.887 COOLING-PORCH MAN (can. & preserv.)
DRYING-ROOM ATTENDANT (tobacco)
dry-house man
drying-room man
FISH DRIER (can. & preserv.)
drier man
fish flaker
flaker
flaker tender
FREEZER MAN (can. & preserv.)
KILN LOADER (malt liquors) I
kilnman
loader
SPREADER (tobacco)
twist spreader

524. Coating, Icing, Decorating, and Related Occupations

This group includes occupations concerned with applying coverings, fillings, sprays, and decoration to products or components to complete assembly, affect flavor and appearance, improve baking and keeping qualities, and serve as identification.

524.381 CAKE DECORATOR (bake. prod.)
pastry decorator
DECORATOR (dairy prod.)
fancy man

524.782 DEPOSITING-MACHINE OPERATOR (bake. prod.) I
filling-machine operator
marshmallow-machine man
spreading-machine operator
ENROBING-MACHINE OPERATOR (confection.)
dipper, machine
dipping-machine operator
Chocolate-Machine Operator (confection.)
PANMAN (confection.)
candy polisher
coater
coating-machine operator
finisher
glazer
grosser
pan operator
polisher
Almond-Pan Finisher (confection.)
Chocolate-Peanut Panman (confection.)
Gum Coater (chew. gum)

524.884 DECORATOR (bake. prod.; confection.)
decorator, hand
ornamenter
Candy Decorator (confection.)
DIPPER, HAND (confection.)
candy dipper, hand
coater
icing dipper
Bonbon Dipper (confection.)
Cherry Dipper (confection.)
Chocolate Coater (confection.)
Cream Dipper (confection.)
Icing Coater (confection.)
Pecan-Mallow Dipper (confection.)
ENROBING-MACHINE CORDER (confection.)
decorator, hand
streaker
stringer
stroker
ICER, HAND (bake. prod.)
decorator
finisher
froster
icing man
icing spreader
Bread Icer (bake. prod.)
Cake Icer (bake. prod.)
Doughnut Icer (bake. prod.)
Pie Icer (bake. prod.)
Roll Icer (bake. prod.)

524.885 CHEESE SPRAYER (confection.)
COATING OPERATOR (cereal)
CRACKER SPRAYER (bake. prod.)
spray-machine man
ENROBING-MACHINE OPERATOR (bake. prod.)
chocolate-coating-machine operator
chocolate-dipping-machine operator
enrober
ICER, MACHINE (bake. prod.)
finisher
froster
icing-machine operator
Bread Icer (bake. prod.)
Cake Icer (bake. prod.)
Doughnut Icer (bake. prod.)
Pie Icer (bake. prod.)
Roll Icer (bake. prod.)
SANDING-MACHINE OPERATOR (confection.)
sugared-center man
TROLLEY OPERATOR (bake. prod.)

524.886 ENROBING-MACHINE FEEDER (confection.)
candy feeder
candy separator, enrobing
dipping-machine feeder
enrober tender
NOVELTY WORKER (dairy prod.)
bottom girl
cone chocolate dipper
cone racker
miscellaneous worker
sticker
topping girl

524.887 CHERRY CUTTER (can. & preserv.)
FRUIT STUFFER (confection.)
Roller (confection.) II

524.887 Con. STICKER (bake. prod.)
base pinner
pinner

525. Slaughtering, Breaking, Curing, and Related Occupations

This group includes occupations concerned with killing animals for use as food or byproducts, cutting up carcasses, and preserving and flavoring food, and related products by salting or smoking them.

525.130 FOREMAN, CURED-MEAT PACKING (slaught. & meat pack.)
FOREMAN, CURED MEATS (slaught. & meat pack.)
FOREMAN, TANK HOUSE (slaught. & meat pack.)
tank-house foreman

525.131 FOREMAN, ABATTOIR (slaught. & meat pack.)
abattoir foreman
FOREMAN, BEEF BONING (slaught. & meat pack.)

525.381 BUTCHER, ALL-ROUND (slaught. & meat pack.)
BUTCHER APPRENTICE (slaught. & meat pack.)
slaughterer-and-butcher apprentice

525.387 GRADER, MEAT (slaught. & meat pack.)
Beef Grader (slaught. & meat pack.)
Hog Grader (slaught. & meat pack.)
Sheep or Calf Grader (slaught. & meat pack.)

525.687 HIDE INSPECTOR (slaught. & meat pack.)
green-hide inspector
hide examiner
hide grader
pelt inspector
SKIN GRADER (slaught. & meat pack.)
skin bundler

525.781 SHACTOR (slaught. & meat pack.)
kosher cutter and searcher
shochet
shohet

525.884 BONER, MEAT (slaught. & meat pack.)
ribber
Beef Boner (slaught. & meat pack.)
Blade Boner (slaught. & meat pack.)
Chuck Boner (slaught. & meat pack.)
Ham Boner (slaught. & meat pack.)
Hog Ribber (slaught. & meat pack.)
Loin Boner (slaught. & meat pack.)
Plate Boner (slaught. & meat pack.)
Rib Boner (slaught. & meat pack.)
Round Boner (slaught. & meat pack.)
Shank Boner (slaught. & meat pack.)
Sheep Boner (slaught. & meat pack.)
Shoulder Boner (slaught. & meat pack.)
BUTCHER, FISH (can. & preserv.)
CARCASS SPLITTER (slaught. & meat pack.)
Aitchbone Breaker (slaught. & meat pack.)
Beef Ribber (slaught. & meat pack.)
Bone Sawyer (slaught. & meat pack.)
Breast Sawyer (slaught. & meat pack.)
Ham Sawyer (slaught. & meat pack.)
Hog Sawyer (slaught. & meat pack.)
Rump Sawyer (slaught. & meat pack.)
Shoulder Sawyer (slaught. & meat pack.)
Side Splitter (slaught. & meat pack.)
CRAB BUTCHER (can. & preserv.)
crab hacker
FINAL-DRESSING INSPECTOR (slaught. & meat pack.)
Final-Rail Inspector (slaught. & meat pack.)
Retaining-Room Cutter (slaught. & meat pack.)
FISH CLEANER (can. & preserv.; fish.)
butcher
butcher-gang worker
dress-gang worker
fish cutter
fish dresser
Slimer (can. & preserv.; fish.)
FISH HOUSEKEEPER (hotel & rest.)
HEAD TRIMMER (slaught. & meat pack.)
henchman, head
head boner
templer, head
trimmer, head

525.884 Con.
HEAD TRIMMER (slaught. & meat pack.
Brain Picker (slaught. & meat pack.)
Chiseler, Head (slaught. & meat pack.)
Jawhone Breaker (slaught. & meat pack.)
Jowl Trimmer (slaught. & meat pack.)
Snout Puller (slaught. & meat pack.)
Splitter, Head (slaught. & meat pack.)
Temple-Meat Cutter (slaught. & meat pack.)
Tongue Cutter (slaught. & meat pack.)
MEAT DRESSER (agric.)
farm butcher
MEAT FLENSER (fish.)
SKINNER (slaught. & meat pack.)
Backer (slaught. & meat pack.)
Calf Skinner (slaught. & meat pack.)
Cattle Dropper and Pritcher (slaught. & meat pack.)
Cattle Header (slaught. & meat pack.)
Leg Skinner (slaught. & meat pack.)
Shoulder Puncher (slaught. & meat pack.)
Slunk Skinner (slaught. & meat pack.)
Small-Stock Facer (slaught. & meat pack.)
STICKER, ANIMAL (slaught. & meat pack.)
animal sticker
Calf Sticker (slaught. & meat pack.)
Cattle Sticker (slaught. & meat pack.)
Hog Sticker (slaught. & meat pack.)
Sheep Sticker (slaught. & meat pack.)
TURKEY-ROLL MAKER (slaught. & meat pack.)

525.885 CASING-RUNNING-MACHINE OPERATOR (slaught. & meat pack.)
casing runner
shirring operator
DEHAIRING-MACHINE TENDER (slaught. & meat pack.)
Dropper, Dehairing Machine (slaught. & meat pack.)
Feed - In Man, Dehairing Machine (slaught. & meat pack.)
Pull-Through Hookman (slaught. & meat pack.)
Scalder (slaught. & meat pack.)
HIDE PULLER (slaught. & meat pack.)
LINKING-MACHINE OPERATOR (slaught. & meat pack.)
SKIN-PEELING-MACHINE OPERATOR (slaught. & meat pack.)

525.886 CASING CLEANER (slaught. & meat pack.)
Casing-Machine Operator (slaught. & meat pack.)
Casing Packer (slaught. & meat pack.)
Casing Soaker (slaught. & meat pack.)
SKINNING-MACHINE FEEDER (slaught. & meat pack.)

525.887 ANIMAL EVISCERATOR (slaught. & meat pack.)
gutter
Belly Opener (slaught. & meat pack.)
Bruise Trimmer (slaught. & meat pack.)
Bung Dropper (slaught. & meat pack.)
Bung-Gut Tier (slaught. & meat pack.)
Caul-Fat Puller (slaught. & meat pack.)
Gut Puller (slaught. & meat pack.)
Gut Sorter (slaught. & meat pack.)
Leaf-Fat Scraper (slaught. & meat pack.)
Leak Patcher (slaught. & meat pack.)
Weasand Rodder (slaught. & meat pack.)
CASING SPLITTER (slaught. & meat pack.)
CONVEYOR LOADER (slaught. & meat pack.) I
COOLER MAN (slaught. & meat pack.)
DRY-CURE MAN (slaught. & meat pack.)
salter
Belly Packer (slaught. & meat pack.)
Casing Salter (slaught. & meat pack.)
Ham-Hock Mopper (slaught. & meat pack.)
Salt-Bellies Overhauler (slaught. & meat pack.)
GAMBRELER (slaught. & meat pack.)
hanger-off
GAMBRELER HELPER (slaught. & meat pack.)
hang-off man

525.887 Con.
HIDE HANDLER (grease & tallow; slaught. & meat pack.)
hide man
hide selector
pelt salter
salt spreader
Hide Salter (grease & tallow; slaught. & meat pack.)
Hide Shaker (grease & tallow; slaught. & meat pack.)
HIDE SPREADER (slaught. & meat pack.)
HIDE TRIMMER (grease & tallow; slaught. & meat pack.)
heamer
selector
Calfskin Trimmer (slaught. & meat pack.)
Cow Trimmer (slaught. & meat pack.)
Pigskin Trimmer (slaught. & meat pack.)
NECK SKEWER (slaught. & meat pack.)
neck pinner
OFFAL MAN, POULTRY (slaught. & meat pack.)
ORDER RUNNER (slaught. & meat pack.)
PAINTER, DEPILATORY (slaught. & meat pack.)
POULTRY BONER (slaught. & meat pack.)
Chicken Boner (slaught. & meat pack.)
Turkey Boner (slaught. & meat pack.)
POULTRY DRESSER (agric.; slaught. & meat pack.)
tipper
Chicken Dresser (slaught. & meat pack.)
Poultry Picker (slaught. & meat pack.)
Poultry Scalder (slaught. & meat pack.)
Turkey Dresser (slaught. & meat pack.)
POULTRY-DRESSING WORKER (slaught. & meat pack.)
POULTRY EVISCERATOR (slaught. & meat pack.)
Chicken Cleaner (slaught. & meat pack.)
Foot Cutter (slaught. & meat pack.)
Gizzard-Skin Remover (slaught. & meat pack.)
Rabbit Dresser (slaught. & meat pack.)
Turkey Cleaner (slaught. & meat pack.)
POULTRY HANGER (slaught. & meat pack.)
POULTRY KILLER (slaught. & meat pack.)
sticker
RETRIMMER (slaught. & meat pack.) II
trimmer
SHACKLER (slaught. & meat pack.)
hanger
SHACTOR HELPER (slaught. & meat pack.)
SHAVER (slaught. & meat pack.)
Resin Man (slaught. & meat pack.)
Toe Puller (slaught. & meat pack.)
SHROUDER (slaught. meat & pack.)
hagger
SINGER (slaught. & meat pack.)
Hog-Head Singer (slaught. & meat pack.)
SLUNK-SKIN CURER (slaught. & meat pack.)
SMOKED MEAT PREPARER (slaught. & meat pack.)
Bagger, Meat (slaught. & meat pack.)
Hanger, Meat (slaught. & meat pack.)
Ripper, Meat (slaught. & meat pack.)
Scraper, Meat (slaught. & meat pack.)
Soaker, Meat (slaught. & meat pack.)
Stockinet Man, Meat (slaught. & meat pack.)
Tier, Meat (slaught. & meat pack.)
Tree Loader, Meat (slaught. & meat pack.)
Washer, Meat (slaught. & meat pack.)
STEAMER (slaught. & meat pack.)
blower
steam bleacher
steam scalder
STUNNER, ANIMAL (slaught. & meat pack.)
knocker
TIER (slaught. & meat pack.)
roast tier
TRIMMER, MEAT (slaught. & meat pack.)
meat trimmer
Belly Trimmer (slaught. & meat pack.)
Butt Trimmer (slaught. & meat pack.)

525.887 Con.
Fathack Trimmer (slaught. & meat pack.)
Loin Trimmer (slaught. & meat pack.)
Spareribs Trimmer (slaught. & meat pack.)
WASHER, CARCASS (slaught. & meat pack.)

526. Cooking and Baking Occupations, n.e.c.

This group includes occupations, not elsewhere classified, concerned with treating components or products with heat to affect such characteristics as flavor, color, edibility, consistency, and texture.

526.130 BAKERY FOREMAN (bake. prod.)
Bread Foreman (bake. prod.)
Cake Foreman (bake. prod.)

526.134 COOK, MEXICAN FOOD (food prep., n.e.c.)
Cook, Chili (food prep., n.e.c.)
Cook, Enchilada (food prep., n.e.c.)
Cook, Taco (food prep., n.e.c.)
Cook, Tamale (food prep., n.e.c.)
Cook, Tortilla (food prep., n.e.c.)

526.137 POTATO-CHIP-PROCESSING FOREMAN (food prep., n.e.c.)

526.381 BAKER (grain & feed mill.)
baker, laboratory
baker, test
flour tester
CAKE TESTER (grain & feed mill.)

526.687 POTATO-CHIP SORTER (food prep., n.e.c.)

526.781 BAKER (bake. prod.)
BAKER APPRENTICE (bake. prod.)

526.782 BATTER SCALER (bake. prod.)
batter depositor
depositing-machine operator
divider
scaling-machine operator
Cake-Batter Scaler (bake. prod.)
CONCHE OPERATOR (choc. & cocoa)
conche loader and unloader
CONFECTIONERY COOKER (chew. gum; confection.)
cream man
Bonbon-Cream Warmer (confection.)
Coconut Cooker (confection.)
Crystal-Sirup Maker (confection.)
Fondant Cooker (confection.)
Gum Maker (chew. gum)
Icing Maker (confection.)
King Maker (confection.)
Marshmallow Maker (confection.)
Vacuum-Cooker Operator (confection.)
CONVERTER MAN (corn prod.)
COOK, DOG-AND-CAT FOOD (slaught. & meat pack.)
kettleman
COOK, KETTLE (can. & preserv.; cereal; flav. ext. & sirup)
cook
cooker
cook, pressure
vatman
Cook, Fish Eggs (can. & preserv.)
Cook, Fruit (can. & preserv.)
Cook, Jelly (can. & preserv.)
Cook, Juice (can. & preserv.)
Cook, Mayonnaise (can. & preserv.)
Cook, Pickled Meat (can. & preserv.)
Cook, Preserve (can. & preserv.)
Cook, Sauce (can. & preserv.)
Cook, Seafood (can. & preserv.)
Cook, Spaghetti (can. & preserv.)
Cook, Starch (can. & preserv.)
Cook, Vegetable (can. & preserv.)
DOUGHNUT-MACHINE OPERATOR (bake. prod.)
cruller maker, machine
doughnut - cooking - machine operator
doughnut man
fried-cake maker
MOLASSES AND CARAMEL OPERATOR (corn prod.)
OVENMAN (bake. prod.; cereal)
baker operator, automatic
Conveyor Ovenman (bake. prod.)
Reel Ovenman (bake. prod.)

526.782 OVENMAN (malt liquors)
Con. black-malt man
malt roaster
RETORT OPERATOR (can. & preserv.)
STEAM-OVEN OPERATOR (can. & preserv.)
parboiler
steamer operator
526.884 DOUGHNUT MAKER (bake. prod.)
baker, doughnut
cruller maker
POTATO-PANCAKE FRIER (food prep., n.e.c.)
526.885 Cook (slaught. & meat pack.)
COOKER (cereal)
COOKER, PROCESS CHEESE (dairy prod.)
cook blender
Cream-Cheese Maker (dairy prod.)
COOK, FRY, DEEP FAT (can. & preserv.; hotel & rest.)
COOK, VACUUM KETTLE (can. & preserv.)
KETTLEMAN (malt liquors) I
kettle tender
OVENMAN (bake. prod.)
Drawplate Ovenman (bake. prod.)
Peel Ovenman (bake. prod.)
Rotary-Peel Ovenman (bake. prod.)
OVEN OPERATOR (cereal)
corn-flakes man
flake-miller helper
PAN GREASER, MACHINE (bake. prod.)
mold boy
pan cleaner and greaser, machine
Bread-Pan Greaser (bake. prod.)
Cake-Pan Greaser (bake. prod.)
PIE MAKER, MACHINE (bake. prod.)
Pie Bottomer (bake. prod.)
Pie-Crimping-Machine Operator (bake. prod.)
Pie-Dough Roller (bake. prod.)
Pie Filler (bake. prod.)
Pie Topper (bake. prod.)
POPCORN-CANDY MAKER (confection.)
POPPER (confection.)
corn popper
popcorn maker
popped-corn oven attendant
POTATO-CHIP FRIER (food prep., n.e.c.)
cooker, chip
potato-chip cooker, machine
PRETZEL COOKER (bake. prod.)
RELISH MAKER (can. & preserv.)
Chow-Chow Maker (can. & preserv.)
THERMOSCREW OPERATOR (can. & preserv.)
TRIPE COOKER (slaught. & meat pack.)
WAFER-MACHINE OPERATOR (bake. prod.)
gasman
waffle baker
waffle-machine operator
Cone-Baker, Machine (bake. prod.)
Sugar-Wafer-Machine Operator (bake. prod.)
WORT EXTRACTOR (dairy prod.)
malted-milk masher
526.886 BAKER HELPER (bake. prod.)
Batter-Mixer Helper (bake. prod.)
Bench-Hand Helper (bake. prod.)
Cooky-and-Cracker-Machine-Operator Helper (bake. prod.)
Cooky-Mixer Helper (bake. prod.)
Dividing - Machine - Operator Helper (bake. prod.)
Dough Feeder (bake. prod.)
Dough-Mixer Helper (bake. prod.)
Doughnut - Machine - Operator Helper (bake. prod.)
Doughnut-Maker Helper, Hand (bake. prod.)
Dough Weigher (bake. prod.)
Duster (bake. prod.)
Floorman (bake. prod.)
Flour-Blender Helper (bake. prod.)
Icer Helper, Hand (bake. prod.)
Ingredient-Scaler Helper (bake. prod.)
Molding - Machine - Operator Helper (bake. prod.)
Ovenman Helper (bake. prod.)
Pan Cleaner, Hand (bake. prod.)
Pan Dumper (bake. prod.)
Pan Greaser, Hand (bake. prod.)
526.886 Pot Washer (bake. prod.)
Con. Rack Puller (bake. prod.)
526.887 STARCHMAKER (confection.)
candy-starch-mold printer
printer
starch boy

529. Occupations in Processing of Food, Tobacco, and Related Products, n.e.c.

This group includes occupations, not elsewhere classified, concerned with processing food, tobacco, and related products.

529.130 FOREMAN (choc. & cocoa)
FOREMAN (nut process.)
manufacturing foreman
FOREMAN, CANDY (confection.)
Foreman, Enrobing (confection.)
Foreman, Hard Candy (confection.)
FOREMAN, COFFEE (food prep., n.e.c.)
FOREMAN, FILTRATION (sugar)
filtration foreman
FOREMAN, PULP HOUSE (sugar)
pulp-house foreman
FOREMAN, REFINING (sugar)
refining foreman
sugar-end foreman
FOREMAN, SOFT SUGAR (sugar)
soft-sugar foreman
FOREMAN, WHITE SUGAR (sugar)
centrifugal foreman
white-sugar foreman
529.131 CELLAR FOREMAN (vinous liquors)
PROCESSING FOREMAN (dairy prod.)
Butter Production Foreman (dairy prod.)
Cheese Production Foreman (dairy prod.)
Instant Powder Foreman (dairy prod.)
Pasteurizing Foreman (dairy prod.)
529.132 CIGAR-MACHINE-UNIT FOREMAN AND ADJUSTER (tobacco)
cigar-machine-unit inspector and adjuster
FOREMAN, BEET END (sugar)
beet-end foreman
FOREMAN, BREW HOUSE (malt liquors)
FOREMAN, CLEANING (dairy prod.; malt liquors)
cleaning foreman
FOREMAN, COOK ROOM (can. & preserv.)
FOREMAN, DRIED YEAST (food prep., n.e.c.)
FOREMAN, DRY-STARCH (corn prod.)
FOREMAN, FEED HOUSE (corn prod.)
FOREMAN, FEED MILL (grain & feed mill.)
Poultry Feed Foreman (grain & feed mill.)
CUSTOM FEED MILL OPERATOR (grain & feed mill.)
FOREMAN, FERMENTING CELLARS (malt liquors)
FOREMAN, GRAIN AND YEAST PLANTS (malt liquors)
FOREMAN, LIQUID YEAST (food prep., n.e.c.)
FOREMAN, MILL-HOUSE (corn prod.)
FOREMAN, NUTRITIONAL YEAST (food prep., n.e.c.)
FOREMAN, SOAKERS (malt liquors)
FOREMAN, STEFFEN HOUSE (sugar)
FOREMAN, SUGAR HOUSE (corn prod.)
FOREMAN, SUGAR REFINERY (corn prod.)
FOREMAN, TANK STORAGE (malt liquors)
foreman, finishing department
ruh cellarman, head
FOREMAN, TEA AND SPICE (food prep., n.e.c.)
FOREMAN, WASH HOUSE (malt liquors)
MACHINE-OPERATOR SUPERVISOR (tobacco)
PLANT FOREMAN (whole. tr.)
529.137 FOREMAN (oils & fats)
Packaging Foreman (oils & fats)
Refinery Foreman (oils & fats)
FOREMAN (tobacco)
Foreman, Cigarette-Filter Making Department (tobacco)
Foreman, Cigarette-Making Department (tobacco)
Foreman, Cigarette-Packing Department (tobacco)
529.137 FOREMAN, CURING ROOM (tobacco)
Con. FOREMAN, EGG ROOM (can. & preserv.)
FOREMAN, WHIPPED TOPPING (dairy prod.)
FOREMAN, YARD (malt liquors)
GRADING FOREMAN (whole. tr.)
529.138 FOREMAN, MALTED MILK (dairy prod.)
FOREMAN, MAPLE PRODUCTS (food prep., n.e.c.)
FOREMAN, SANITATION (bake. prod.; dairy prod.)
sanitarian
sanitation foreman
Foreman, Bakery Sanitation (bake. prod.)
Foreman, Dairy Sanitation (bake. prod.)
SUGAR-REPROCESS OPERATOR, HEAD (sugar)
SUPERINTENDENT, GRAIN ELEVATOR (corn prod.; grain & feed mill.; malt liquors)
SUPERVISOR, SPECIALTY FOOD PRODUCTS (slaught. & meat pack.)
529.168 FRUIT COORDINATOR (can. & preserv.)
metal man
metal mover
529.281 TASTER (food prep., n.e.c.)
Coffee Taster (food prep., n.e.c.)
Tea Taster (food prep., n.e.c.)
529.381 CANDY MAKER (confection.)
batch maker
boiler
confectioner
cook, candy
Caramel-Candy Maker (confection.)
Coconut-Candy Maker (confection.)
Fudge-Candy Maker (confection.)
Hard-Candy Maker (confection.)
Nougat-Candy Maker (confection.)
Taffy-Candy Maker (confection.)
ALMOND-PASTE MIXER (confection.)
marzipan maker
CHEESEMAKER (dairy prod.)
cheese cooker
529.387 CIGARETTE-AND-FILTER CHIEF INSPECTOR (tobacco)
CIGARETTE TESTER (tobacco)
tester operator
DEPARTMENT INSPECTOR (tobacco)
FRUIT-BUYING GRADER (can. & preserv.; whole. tr.)
fruit inspector
platform inspector
GAGER (vinous liquors)
GRADER (dairy prod.)
HOGSHEAD INSPECTOR (tobacco)
INSPECTOR, GRAIN MILL PRODUCTS (grain & feed mill.)
inspector technician
QUALITY-CONTROL GIRL (bake. prod.)
QUALITY-CONTROL TECHNICIAN (distilled liquors)
sampleman
QUALITY-CONTROL TECHNICIAN (food prep., n.e.c.)
ROUGH-RICE GRADER (grain & feed mill.)
SAMPLER (oils & fats)
YIELD-LOSS INSPECTOR (corn prod.)
529.488 TIP-LENGTH CHECKER (tobacco)
tip tester
529.585 MOISTURE-METER OPERATOR (tobacco)
tag-meter operator
529.587 FRANKFURTER INSPECTOR (slaught. & meat pack.)
MARKER, COMPANY (tobacco)
embossing clerk
sales-ticket man
529.684 EXPANSION MAN (slaught. & meat pack.)
temperature inspector
temperature man
529.685 RESERVE OPERATOR (tobacco)
X-RAY INSPECTOR (tobacco)
fluoroscope operator
529.687 CASING GRADER (slaught. & meat pack.)
casing inspector
casing sorter
casing tester

529.687 Con.
DEFLECTOR OPERATOR (malt liquors; vinous liquors)
lights inspector
wine-bottle inspector
EGG CANDLER (any ind.)
Egg Grader (any ind.)
GRADER, DRESSED POULTRY (slaught. & meat pack.)
poultry grader
GRADER, GREEN MEAT (slaught. & meat pack.)
fresh-meat grader
pickling grader
GRAIN PICKER (grain & feed mill.)
grader
INSPECTOR, CANNED FOOD RECONDITIONING (can. & preserv.)
smeller
LEAF SAMPLEMAN (tobacco)
sample inspector
LEAF-SIZE PICKER (tobacco)
hands-size sorter
LEAF SORTER (tobacco)
selector
wrapper-leaf inspector
LIGHTOUT MAN (malt liquors)
SORTER, AGRICULTURAL PRODUCE (agric.; can. & preserv.; whole. tr.)
sorter, food products
Apple Sorter (agric.; can. & preserv.; whole. tr.)
Asparagus Grader and Buncher (agric.)
Asparagus Sorter (agric.; can. & preserv.; whole. tr.)
Banana Grader (whole. tr.)
Bulb Sorter (agric.)
Capper Picker (agric.; whole. tr.)
Cherry Sorter (agric.; can. & preserv.; whole. tr.)
Citrus-Fruit-Packing Grader (agric.; whole. tr.)
Cranberry Sorter (agric.; whole. tr.)
Cull Grader (agric.; whole. tr.)
Fig Sorter (agric.; can. & preserv.; whole. tr.)
Flower Grader (agric.)
Fruit Sorter (agric.; can. & preserv.; whole. tr.)
Hop Sorter (agric.)
Nut Sorter (agric.)
Peach Sorter (agric.; can. & preserv.; whole. tr.)
Potato Grader (agric.; whole. tr.)
Potato Sorter (agric.; whole. tr.)
Seed Sorter (agric.)
Tomato Grader (whole. tr.)
Vegetable Sorter (agric.; can. & preserv.; whole. tr.)
TICKET PULLER (tobacco)
TOBACCO GRADER (agric.; tobacco)
grader
regrader
stripper
tobacco sizer
tobacco sorter
Tobacco Sorter, Flue Cured (agric.; tobacco)
WRAPPER PICKER (tobacco)
classer
classer, bright leaf
classer, dark
Burley Classer (tobacco)
WRAPPER SELECTOR (tobacco)
wrapper sizer
wrapper sorter

529.688 KOSHER INSPECTOR (dairy prod.)

529.780 KNIFE SETTER (sugar)

529.782 BUTTERMAKER (dairy prod.)
Butter-Chilling-Equipment Operator (dairy prod.)
Butter Churner (dairy prod.)
CARBONATION MAN (sugar)
CENTRIFUGE OPERATOR (chew. gum)
drier operator
CHEESEMAKER HELPER (dairy prod.)
CHOCOLATE-PRODUCTION-MACHINE OPERATOR (choc. & cocoa)
general-utility-machine operator

529.782 Con.
DAIRY-PROCESSING-EQUIPMENT OPERATOR (dairy prod.)
Byproducts Man (dairy prod.)
Clarifier Operator (dairy prod.)
Cooler Man (dairy prod.) II
Homogenizer Operator (dairy prod.)
Mix Man (dairy prod.)
Pasteurizer Operator (dairy prod.)
Separator Operator (dairy prod.)
DEPOSITING-MACHINE OPERATOR (confection.)
first helper
starch crab
Mint-Wafer Depositor (confection.)
DRIER OPERATOR (choc. & cocoa)
DRY-STARCH OPERATOR, AUTOMATIC (corn prod.)
FLASH-DRIER OPERATOR (corn. prod.)
FREEZER MAN (dairy prod.)
freezer
freezer operator
ice-cream freezer
NOVELTY MAKER (dairy prod.) I
novelty dipper
novelty man
specialty man
NOVELTY MAKER (dairy prod.) II
GELATIN-UTILITY MAN (glue)
HYDROGENATION OPERATOR (oils & fats)
clarifier
Blender (oils & fats)
Hardener (oils & fats)
IRISH MOSS OPERATOR (chem.)
drying-machine operator
weed-cooking operator
LOZENGE MAKER (confection.)
SIRUP MAKER (choc. & cocoa)
SIRUP MIXER (corn prod.)

529.884 BIN CLEANER (grain & feed mill.; malt liquors)
sanitation man
FROZEN PIE MAKER (any ind.)
INGREDIENT SCALER (bake. prod.; dairy prod.)
assemblyman
batch man
flour man
general assembler
ingredient man
ingredient mixer
scaling man
SIEVE MAN (grain & feed mill.)
sieve maker
Sieve Repairman (grain & feed mill.)
STEAK SAUCE GIRL (can. & preserv.)

529.885 AUTO ROLLER (tobacco)
BATCH MAN (corn prod.)
barrel filler
BINDER LAYER (tobacco)
BLENDER-CONVEYOR OPERATOR (dairy prod.)
BLOW-UP MAN (sugar)
blow-up operator
BRINE-TANK MAN (dairy prod.)
pusher
putter-in
Mold Filler (dairy prod.)
Mold Remover (dairy prod.)
Stick-Machine Man (dairy prod.)
BULKER, CUT TOBACCO (tobacco)
BUNCH MAKER, MACHINE (tobacco)
binder
bunch-breaker-machine operator
buncher, machine
bunch maker, hand-operated machine
short-filler-bunch-machine operator
shredded-filler buncher
shredded-filler-bunch maker, machine
shredded - filler - machine binder - layer
Scrap-Bunch Maker (tobacco)
BUTT MAKER (tobacco)
CAN-CONVEYOR FEEDER (food prep., n.e.c.)
CHAR BELTMAN (sugar)
Cellarman (sugar)
Wet-Char Beltman (sugar)
CHEESE CUTTER (dairy prod.)
CHOCOLATE MOLDER, MACHINE (choc. & cocoa)

529.885 Con.
CIGARETTE-FILTER-MAKING-MACHINE OPERATOR (tobacco)
plug-making operator
CIGARETTE-MAKING-MACHINE OPERATOR (tobacco)
cigarette - and - assembly - machine operator
making-machine operator, filter
Filter-Cigarette-Making-Machine Operator (tobacco)
CIGAR-HEAD PIERCER (tobacco)
cigar-head holer
cigar-head pegger
cigar-head perforator
cigar-head puncher
cigar-head stringer
COLORING-ROOM MAN (whole. tr.)
DECAY-CONTROL OPERATOR (whole. tr.)
decco operator
CONTAINER WASHER, MACHINE (any ind.)
Barrel Washer, Machine (any ind.)
Bottle Washer, Machine (any ind.)
Can Washer, Machine (any ind.)
CONTROL-ROOM MAN (sugar)
sugar controller
CORN-PRESS OPERATOR (food prep., n.e.c.)
Corn-Chip Maker (food prep., n.e.c.)
Tortilla Maker (food prep., n.e.c.)
CUTTER (macaroni & rel. prod.)
DEFECTIVE-CIGARETTE SLITTER (tobacco)
ripper operator
slitting-machine feeder
DEOILING-MACHINE AND PASTEURIZING-MACHINE OPERATOR (flav. ext. & sirup)
pasteurizing-machine and deoiling-machine operator
DRIER, BELT CONVEYOR (food prep., n.e.c.)
pressman-and-packaging man
DRIER OPERATOR, DRUM (food prep., n.e.c.)
Yeast-Drier Operator, Drum (food prep., n.e.c.)
DUMPING-MACHINE OPERATOR (can. & preserv.; whole tr.)
dumper
machine dumper
EXPELLER OPERATOR (corn prod.; grain & feed mill.; oils & fats)
corn-oil extractor
roll operator
Crusher Tender (oils & fats)
Drier Tender (oils & fats) II
Oil-Expeller Man (corn prod.; grain & feed mill.; oils & fats)
FILLER SHREDDER, MACHINE (tobacco)
filler-shaker operator
filler-shredding-machine operator
filler sifter, machine
scrap cutter, machine
shredded-filler-cutter operator
FILTER-MACHINE OPERATOR (tobacco)
FISH-CAKE MAKER (food prep., n.e.c.)
FLAVOR MAN (cereal)
FLAVOR-ROOM MAN (dairy prod.)
colorman
fruit man
FREEZER-MAN HELPER (dairy prod.)
freezer assistant
ice-cream freezer assistant
Flavor-Tank Man (dairy prod.)
HAM-ROLLING-MACHINE OPERATOR (slaught. & meat pack.)
HORSERADISH MAKER (can. & preserv.)
horseradish grinder
ICE CUTTER (ice)
sizing-room man
Cube Cutter (ice)
Ice Crusher (any ind.)
IRON-CHINK MAN (can. & preserv.)
KNIFE CHANGER (tobacco)
knife setter
shredding-machine-knife changer
LABORER, STARCH FACTORY (grain & feed mill.)
Door Slinger (corn prod.)
LARD REFINER (oils & fats; slaught. & meat pack.)
Oleo-Hasher-and-Renderer (oils & fats)
NOODLE MAKER (macaroni & rel. prod.)

529.885 Con.

NUT ROASTER (nut process.)
cooker
oven roaster
roaster
Almond Roaster (nut process.)
Dry Roaster (nut process.)
Peanut Roaster (nut process.)
Wet Roaster (nut process.)
PEANUT-BUTTER MAKER (can. & preserv.; food prep., n.e.c.)
PLUG-CUTTING-MACHINE OPERATOR (tobacco)
cutting-machine feeder
plug cutter
plug-cutting-and-wrapping-machine operator
PLUG MOLDMAN (tobacco)
plug-press man
plug prizer
pressman, hand
PRESERVATIVE FILLER, MACHINE (can. & preserv.)
siruper
Briner, Machine (can. & preserv.)
Oil Dispenser (can. & preserv.)
Siruper, Machine (can. & preserv.)
RAW-JUICE WEIGHER (sugar)
SACK STERILIZER (grain & feed mill.)
sterilizing-machine tender
SANDWICH-MACHINE OPERATOR (dairy prod.)
SHELLFISH-PROCESSING-MACHINE TENDER (can. & preserv.)
Clam-Shucking-Machine Tender (can. & preserv.)
Clam Steamer (can. & preserv.)
Crab Steamer (can. & preserv.)
Oyster Washer (can. & preserv.)
Shrimp Blancher (can. & preserv.)
Shrimp-Peeling-Machine Tender (can. & preserv.)
SPREADER OPERATOR, AUTOMATIC (tobacco)
strip feeder
SUCKER-MACHINE OPERATOR (confection.)
lollypop-machine operator
lollypop maker
TABLET-MACHINE OPERATOR (dairy prod.)
TANKMAN (distilled liquors)
TANKMAN (sugar)
pan tankman
Receiving-Tank Operator (sugar)
Remelt-Pan-Tank Operator (sugar)
White-Sugar-Pan-Tank Operator (sugar)
White-Sugar-Sirup Operator (sugar)
TAPPER (malt liquors)
dropper
dropper, tank-storage
TENDEROMETER OPERATOR (can. & preserv.)
VOTATOR-MACHINE OPERATOR (oils & fats; slaught. & meat pack.)
WASHER, AGRICULTURAL PRODUCE (agric.; can. & preserv.; whole. tr.)
dumper
washer operator
washing-machine operator
Apple Washer (agric.; can. & preserv.; whole. tr.)
Carrot Washer (agric.; can. & preserv.; whole. tr.)
Orange Washer (agric.; can. & preserv.; whole. tr.)
Washing-and-Waxing-Machine Operator (agric.; whole. tr.)
WASHERMAN (sugar)
washroom operator
WASH-HOUSE MAN (malt liquors)
WEIGH-TANK OPERATOR (oils & fats)
scale-tank operator
weigh man
WET AND DRY SUGAR BIN OPERATOR (sugar)
WHEAT CLEANER (cereal)
bump-grader operator
WRAPPER LAYER (tobacco)
fresh-work wrapper-layer
long-filler-cigar roller, machine
WRAPPER-LAYER AND EXAMINER, SOFT WORK (tobacco)
scrap-filler-cigar roller, machine

529.885 Con.

shredded-filler cigar-maker, machine
shredded-filler-machine wrapper-layer
soft-work-cigar-machine operator
YEAST WASHER (food prep., n.e.c.)
utility man

529.886 CANNERY WORKER (can. & preserv.)
Dumper (can. & preserv.)
Peeler (can. & preserv.)
Sorter (can. & preserv.)
Trimmer (can. & preserv.)
CIGARETTE-MAKING-MACHINE-HOPPER FEEDER (tobacco)
hopper feeder
hopper filler
making-machine feeder
DAIRY HELPER (dairy prod.)
Buttermaker Helper (dairy prod.)
Pasteurizer Helper (dairy prod.)
FACTORY HELPER (confection.)
general utility helper
Candy Catcher (confection.)
Candy-Bar-Core Inspector (confection.)
Candy Separator, Hard (confection.)
Candy-Spreader Helper (confection.)
Candy-Waffle Assembler (confection.)
Caramel-Cutter Helper (confection.)
Cut-Roll-Machine Off-Bearer (confection.)
Cutting-Machine-Operator Helper (confection.)
Lozenge-Maker Helper (confection.)
Marshmallow Packer (confection.)
Panman Helper (confection.)
Pan Washer, Hand (confection.)
Raisin-Separator Operator (confection.)
Sanding-Machine-Operator Helper (confection.)
Scrap Girl (confection.)
Sirup Crystallizer (confection.)
Spinner Helper (confection.)
Steamer, Gum Candy (confection.)
Sugar-Coating Hand (confection.)
Table Girl (confection.)
Toy Sorter (confection.)
Vanilla-Chocolate-Coin Counter (confection.)
FILLER FEEDER (tobacco)
FLOORMAN (tobacco) II
catcher
chute feeder
conveyor feeder
feeder
forker
hole feeder
hopper feeder
set-off man
tobacco forker
Cut-Tobacco Catcher (tobacco)
Cylinder-Drier Feeder (tobacco)
Dressing-Machine Catcher (tobacco)
Drier Feeder (tobacco)
Drying-Machine Catcher (tobacco)
Ordering-Machine Catcher (tobacco)
Ordering-Machine Feeder (tobacco)
Packing-Machine Feeder (tobacco)
Redrying-Machine Feeder (tobacco)
Separator Feeder (tobacco)
Shaker Feeder (tobacco)
Shorts Feeder (tobacco)
Stemming-Machine Feeder (tobacco)
Tipping-Machine Feeder (tobacco)
HANGER (tobacco) II
bundles hanger
hands hanger
RACK-OFF MAN (tobacco)
stick feeder
THRESHING-MACHINE-CONVEYOR FEEDER (tobacco)
TURKISH PICKER (tobacco)
turkish searcher
turkish-tobacco picker
GENERAL HELPER (choc. & cocoa)

529.886 Con.

LABORER, CHEESEMAKING (dairy prod.)
Brine-Room Man (dairy prod.)
Cellarman (dairy prod.)
LABORER, PIE BAKERY (bake. prod.)
LABORER, SHELLFISH PROCESSING (can. & preserv.)
Shellfish Checker (can. & preserv.)
Shellfish Packer (can. & preserv.)
Shellfish Sorter (can. & preserv.)
Shellfish Weigher (can. & preserv.)
LONG-GOODS HELPER, MACHINE (macaroni & rel. prod.)
NUT-PROCESS HELPER (nut process.)
cooker helper
Nut-Roaster Helper (nut process.)
PRODUCTION HELPER (food prep., n.e.c.) I
general production worker
RAW-CHEESE WORKER (dairy prod.)
STEAK-TENDERIZER, MACHINE (slaught. & meat pack.)
UTILITY GIRL (chew. gum)

529.887 BASKET FILLER (can. & preserv.)
BOX-TRUCE WASHER (slaught. & meat pack.)
truck washer
BULK FILLER (can. & preserv.)
Barrel Filler (can. & preserv.)
Cabbage Salter (can. & preserv.)
CASING SEWER (slaught. & meat pack.)
bung sewer
CASING TIER (slaught. & meat pack.)
stuffed-casing tier
Bologna Lacer (slaught. & meat pack.)
Bulk-Sausage-Casing Tier-Off (slaught. & meat pack.)
Canadian-Bacon Tier (slaught. & meat pack.)
Roller-Ham Lacer (slaught. & meat pack.)
CHAR-DUST MAN (sugar)
COOKER CLEANER (can. & preserv.)
coil cleaner
COOK HELPER (can. & preserv.)
Cook Helper, Fruit (can. & preserv.)
Cook Helper, Juice (can. & preserv.)
Cook Helper, Meat (can. & preserv.)
Cook Helper, Preserves (can. & preserv.)
DIE CLEANER (macaroni & rel. prod.)
DISTILLERY WORKER, GENERAL (distilled liquors)
Barrel Cutter (distilled liquors)
Barrel Roller (distilled liquors)
Barrel Scraper (distilled liquors)
Bung Remover (distilled liquors)
Carton Repairer (distilled liquors)
Drum Cleaner (distilled liquors)
Drum Sealer (distilled liquors)
Dumper (distilled liquors)
FILLER-SHREDDER HELPER (tobacco)
filler-shredding-machine loader
filler-sifter helper
FISH-BIN TENDER (can. & preserv.)
binman
FISH-EGG PACKER (can. & preserv.)
bait packer
FLOORMAN (tobacco) I
floor hand
GENERAL HELPER (oils & fats)
GUM OPENER (tobacco)
plug-chest handler
HANDS UNTIER (tobacco)
bundles opener
widener, hand
KISS SETTER, HAND (confection.)
sea-foam-kiss maker
KNIFE-SETTER HELPER (sugar)
LABORER (slaught. & meat pack.)
LINKER (slaught. & meat pack.)
roper
sausage linker
MASH-FILTER-CLOTH CHANGER (malt liquors)
cloth changer
MAT SEWER (oils & fats)
MELT-HOUSE DRAG OPERATOR (sugar)
OLIVE MAN (can. & preserv.)
storage brine man
storage laborer

529.887 Con.
PRESS PULLER (corn prod.)
pressman
REFINED-SUGAR-BOX MAN (sugar)
SALVAGE MAN (can. & preserv.)
SAMPLER (malt liquors)
sample-pick-up man
SHREEDED-FILLER HOPPER-FEEDER (tobacco)
SKINNER (tobacco)
STONE CLEANER (malt liquors)
carbonating-stone cleaner
SUCTION-PLATE-CARRIER CLEANER (tobacco)
carrier blower
carrier washer
SUMATRA OPENER (tobacco)
TOBACCO-SAMPLE PULLER (tobacco)
moisture-test puller
sample puller
test puller
TROLLEY CLEANER (slaught. & meat pack.)
WASHER (corn prod.)
flusher
WASHER, FOOD PRODUCTS (agric.; whole. tr.)
WASHERMAN HELPER (sugar)
beet-washer helper
washer pitman

53 **OCCUPATIONS IN PROCESSING OF PAPER AND RELATED MATERIALS**

This division includes occupations concerned with the manufacture of paper and products made from paper. Includes converting wood, other cellulosic materials, and rags into pulp.

530. **Grinding, Beating, and Mixing Occupations**

This group includes occupations concerned with reducing logs, straw, and similar cellulosic materials to chips, dust, powder, paste, pulp, or other smaller particles by means of compression, grinding, or agitation; and combining and mingling materials to produce a single mass or compound.

530.132 FOREMAN, BEATER ROOM (paper & pulp)
beater foreman
beaterman, head
FOREMAN, WOOD ROOM (paper & pulp)
wood-mill foreman
wood-preparation foreman
GRINDER MAN, HEAD (paper & pulp)
foreman, groundwood mill
ground-wood foreman
530.281 COLORMAN (paper & pulp)
530.687 RAG INSPECTOR (paper & pulp)
inspector, rag sorting
530.782 BEATER ENGINEER (paper & pulp)
beater operator
Beaterman, Lead (paper & pulp)
GRINDER MAN (paper & pulp)
Pocket-Grinder Operator (paper & pulp)
Ring-Grinder Operator (paper & pulp)
GRINDER MAN, HARDBOARD (wallboard)
PULP GRINDER AND BLENDER (wallboard)
530.885 BEATER-ENGINEER HELPER (paper & pulp)
beaterman
beater-operator helper
BLOCK-SPLITTER OPERATOR (paper & pulp)
splitterman
COATING MIXERMAN (paper & pulp)
clayman
PULPER (paper & pulp)
breaker-beater man
slusher operator
Broke Beater Man (paper & pulp)
Hydrapulper (paper & pulp)
PULP-SLURRY MIXER (wallboard)
mixer man, pulp slurry
TRANSFER OPERATOR (paper & pulp)
deck-transfer man
transfer-control operator
530.886 LOADER, MAGAZINE GRINDER (paper & pulp)
magazine loader
RAG CUTTER (paper & pulp)
cutter operator
WASTE-PAPER-HAMMERMILL OPERATOR (paper goods)
530.887 MIXER HELPER (wallboard)
puddler

532. **Cooking and Drying Occupations**

This group includes occupations concerned with removing moisture from paper and related materials by exposing them to heat or air or placing them in a vacuum, and cooking materials at specific temperatures for varied intervals to effect their composition, consistency, or texture.

532.782 DIGESTER OPERATOR (paper & pulp; wallboard)
cook
digester cook
Cooker, Soda (paper & pulp; wallboard)
Cooker, Sulfate (paper & pulp)
Cooker, Sulfite (paper & pulp)
532.885 BACK TENDER, INSULATION BOARD (wallboard)
pulp drier
DRIER OPERATOR (paper & pulp)
EVAPORATOR OPERATOR (paper & pulp)
MATRIX DRIER MAN (paper & pulp)
MOISTURE-CONDITIONER OPERATOR (paper & pulp)
PULP-PRESS MAN (paper & pulp)
hydraulic-press man
532.886 DIGESTER-OPERATOR HELPER (paper & pulp; wallboard)
cook helper
digester-cook helper
pulp-making-plant operator
PAPER-CONE-DRYING-MACHINE OPERATOR (paper goods)

533. **Cooling, Bleaching, Screening, Washing, and Related Occupations**

This group includes occupations concerned with cleaning materials with water, making them cooler, whitening them by use of chlorine gas or bleaching powder, and separating finer from coarser parts by use of a screen.

533.782 BLEACHER MAN, PULP (paper & pulp)
Bleacher Man, Groundwood Pulp (paper & pulp)
Bleacher Man, Kraft Pulp (paper & pulp)
Bleacher Man, Sulfite Pulp (paper & pulp)
DECKER MAN (paper & pulp)
filterman
POWER-BARKER OPERATOR (paper & pulp; sawmill)
Drum-Barker Operator (paper & pulp)
Hydraulic-Barker Operator (paper & pulp; sawmill)
Ring-Barker Operator (sawmill)
PULP REFINER OPERATOR (paper & pulp)
Jordan Man (paper & pulp)
533.885 BLEACH-BOILER FILLER (paper & pulp)
bleach-boiler packer
filler
BLOW-PIT MAN (paper & pulp)
blow-pit operator
BROWN-STOCK WASHER (paper & pulp)
washerman, pulp
SAVE-ALL OPERATOR (paper & pulp)
SCREENMAN, CHIPS (paper & pulp)
chip screenman
SCREEN TENDER (paper & pulp)
cooked-stock screenman
screen-room operator
Centrifugal-Screen Tender (paper & pulp)
Riffler Man (paper & pulp)
Rod-Machine Operator (paper & pulp)
THRASHER FEEDER (paper & pulp)
rag-willow operator
WASHER ENGINEER (paper & pulp)
washerman
533.886 MOISTENER (button)
spray man
533.887 SCREEN-TENDER HELPER (paper & pulp)
screen clean-up man
screen washer

534. **Calendering, Sizing, Coating, and Related Occupations**

This group includes occupations concerned with imparting a desired finish or insuring uniform thickness in paper by pressure applied with rollers; applying a thin pasty substance such as glue, starch, or resin to paper to glaze it, act as a filler, or otherwise treat the surface; and brushing a layer of mineral over paper and then drying it as a preliminary step to calendering.

534.130 FOREMAN, COATING (photo. apparatus)
534.780 CARBON-PAPER-COATING-MACHINE-SET-UP MAN (pen & pencil)
534.782 AIR-DRIER-MACHINE TENDER (paper & pulp)
continuous-loft operator
BACK TENDER, PAPER MACHINE (paper & pulp)
second hand, paper machine
Back Tender, Cylinder (paper & pulp)
Back Tender, Fourdrinier (paper & pulp)
Back Tender, Pulp Drier (paper & pulp)
CARBON-COATER-MACHINE OPERATOR (pen & pencil)
coater, carbon paper
COATING-MACHINE OPERATOR (paper & pulp; wallpaper)
grounding-machine operator
paper coater
Clay-Coating-Machine Tender (paper & pulp; wallpaper)
Waterproof-Coating-Machine Tender (wallpaper)
COATING-MACHINE OPERATOR, HARDBOARD (paper & pulp)
paint-coating-machine operator
High-Density-Talc-Coater Operator (paper & pulp)
COMBINER OPERATOR (paper & pulp; paper goods)
combiner-sheet operator
hot-melt-machine operator
laminating-machine operator
paster operator
solid-fiber-paster operator
POLYETHYLENE COMBINER (paper goods)
PAPER-COATING-MACHINE OPERATOR (photo. apparatus)
coater
sensitizer
Blueprint-Paper-Coating-Machine Operator (photo. apparatus)
Ozalid-Paper Coater (photo. apparatus)
Photographic-Paper-Coating-Machine Operator (photo. apparatus)
STRAP-MACHINE OPERATOR (paper goods)
strap-making-machine operator
SUPERCALENDER OPERATOR (paper & pulp)
WAXING-MACHINE OPERATOR (paper goods)
sheeter-waxer operator
wax-coating-machine tender
waxer operator
Carton-Waxing-Machine Operator (paper goods)
534.885 CREPING-MACHINE OPERATOR (paper goods)
crinkling-machine operator
DAMPENER OPERATOR (paper & pulp)
FRICTION-PAINT-MACHINE TENDER (match)
OILING-MACHINE OPERATOR (paper & pulp)
OVEN TENDER (ammunition)
PAPER COATER (paper & pulp)
PARAFFIN-MACHINE OPERATOR (paper goods)
paraffin-machine fiber-lid-feeder
RECOATING-MACHINE OPERATOR (wallpaper)
SCREENMAN (paper & pulp)
VARNISHING-MACHINE OPERATOR (print. & pub.)
WET-END HELPER (wallboard)
534.886 COATING-MACHINE-OPERATOR HELPER (paper & pulp; wallpaper)
COMBINER-OPERATOR HELPER (paper & pulp; paper goods)
combiner helper
combiner rollman
hot-melt-machine-operator helper
laminating-machine-operator helper
paster, second man
Polyethylene-Combiner Helper (paper goods)
WAXING-MACHINE-OPERATOR HELPER (paper goods)
534.887 CONE TREATER (paper goods)
CREPING-MACHINE OPERATOR HELPER (paper goods)
PAPER-CONE-TIP PASTER (paper goods)
SUPERCALENDER-OPERATOR HELPER (paper & pulp)

535. Forming Occupations, n.e.c.

This group includes occupations, not elsewhere classified, concerned with imparting a desired shape to paper and related material.

535.782 PRESSMAN, HARDBOARD (wallboard)
WAD-COMPRESSOR OPERATOR-ADJUSTER (ammunition)
compressor operator-adjuster
Base-Wad Operator-Adjuster (ammunition)

535.885 EXTRUDER OPERATOR (particle board)
Extruder Operator, Horizontal (particle board)
Extruder Operator, Multiple (particle board)
Extruder Operator, Vertical (particle board)
PLATE WORKER (paper & pulp)
composition-board press operator
high-density press operator
hot press operator
SCREEN HANDLER (paper & pulp)
Humidifier-Operator Helper (paper & pulp)
Press Loader (paper & pulp)
Unloader Operator (paper & pulp)
WHEELABRATOR OPERATOR (wallboard)

539. Occupations in Processing of Paper and Related Materials, n.e.c.

This group includes occupations, not elsewhere classified, concerned with effecting the composition, texture, shape, color, consistency, and finish of paper and related materials.

539.130 FOREMAN, HARDBOARD (wallboard)
FOREMAN, WET-ROOM (paper & pulp)
wet-room foreman

539.132 FOREMAN, PAPER MACHINE (paper & pulp)
paper-machine foreman
Fourdinier-Paper-Machine Foreman (paper & pulp)
Superintendent, Board Mill (paper & pulp)
FOREMAN, PULP PLANT (paper & pulp)
Foreman, Bleach Plant (paper & pulp)

539.138 FOREMAN, RAG-ROOM (paper & pulp)
FOREMAN, WET END (wallboard)

539.384 PULP-AND-PAPER TESTER (paper & pulp)
Dry-End Tester (paper & pulp)
Fiber Technician (paper & pulp)
Paper Tester (paper & pulp)
Pulp Tester (paper & pulp)
Wet-End Tester (paper & pulp)

539.387 FINAL INSPECTOR, PAPER (paper & pulp)
head paper tester

539.485 ACCURAY TESTER (paper & pulp)

539.687 COATING-LINE CHECKER (paper & pulp)
CONTROL INSPECTOR (paper & pulp)
Siding Cardboard Inspector (paper & pulp)
INSPECTOR, FIBROUS WALLBOARD (wallboard)

539.782 CALENDER OPERATOR, INSULATION BOARD (wallboard)
CYLINDER-MACHINE TENDER (paper & pulp; wallboard)
Cylinder-Machine Tender, Pulp Drier (paper & pulp)
FOURDRINIER-MACHINE TENDER (paper & pulp; wallboard)
fourdrinier operator
paper-machine-tender
HIGH-DENSITY FINISHING OPERATOR (paper & pulp)
Tile-Machine Operator (paper & pulp)
HUMIDIFIER OPERATOR (paper & pulp)
LINE TENDER, FLAKEBOARD (wallboard)
SLURRY MIXER (ammunition)
TREATING-PLANT OPERATOR (paper & pulp)

539.885 BALERMAN (paper & pulp)
COATER OPERATOR, INSULATION BOARD (wallboard)
COOKER MAN (paper & pulp)
FILM-MAKING-MACHINE TENDER (photo. apparatus)
PUMP-PRESS OPERATOR (paper & pulp)
REELER (wallpaper)
Dutch Reeler (wallpaper)

539.885 Con. WET-MACHINE TENDER (paper & pulp)
lap machine operator
pulp-machine operator
Forming-Machine Operator (paper & pulp)
WINDER-MAN HELPER (paper & pulp)

539.886 BROKE MAN (paper & pulp)
CUTTERMAN, WET MACHINE (paper & pulp)
lap man
roll skinner
sheet taker
skinner
web-machine tender
wet-press tender
PLATING-MACHINE OPERATOR (paper & pulp)
plater
plater man

539.887 LABORER, RAGS (paper & pulp)
apron operator
Bleach-Boiler Puller (paper & pulp)
Cutter (paper & pulp)
Stock Pitcher (paper & pulp)
YARD LABORER (paper & pulp)

54 OCCUPATIONS IN PROCESSING OF PETROLEUM, COAL, NATURAL AND MANUFACTURED GAS, AND RELATED PRODUCTS

This division includes occupations concerned with the post-extraction phases involved in preparing for commercial use the products of oil shales, oil and gas wells, and coal mines. Includes preparing and refining petroleum and recovering refinery byproducts; manufacturing asphalt and tar paving mixtures and blocks and asphalt felts and coatings; preparing and manufacturing gaseous, liquid, and solid fuels including coke, coke-oven byproducts, and commercial gas; and processing tars for the chemical industry. Occupations concerned with treating wood are included in Division 56.

540. Mixing and Blending Occupations

This group includes occupations concerned with combining and mingling materials to produce a single mass.

540.138 GAS-PLANT FOREMAN (light, heat, & power)

540.782 BLENDER (petrol. refin.)
gasoline finisher
lead blender
Ethyl Blender (petrol. refin.)
ASPHALT BLENDER (petrol. refin.)
COMPOUNDER (petrol. refin.)
Lube-Oil Compounder (petrol. refin.)
GREASE MAKER (petrol. refin.)

540.885 ASPHALT-MIXER MAN (const.)
asphalt-plant boxman
asphalt-plant weigher
oil-mix-plant weigher
MIXER OPERATOR, CARBON PASTE (elec. equip.; ore dress., smelt., & refin.)
SCREENER-AND-BLENDER OPERATOR (elec. equip.)
graphite-mill operator

540.886 BRIQUETTE-MACHINE-OPERATOR HELPER (fuel briquettes)
COMPOUNDER HELPER (petrol. refin.)
compound houseman

540.887 SEAL MIXER (elec. equip.)
seal-mixing operator

541. Filtering, Straining, and Separating Occupations

This group includes occupations concerned with separating desirable materials by means of filtering, straining, sifting, squeezing, centrifugal force, or agitating devices.

541.130 FOREMAN, NATURAL-GAS PLANT (petrol. refin.)
plant foreman

541.782 COAL WASHER (mining & quarrying)
coal-washer tender
wash-box operator
wash-coal conveyorman
washer operator
CRUDE-OIL TREATER (petrol. production)
dehydrator operator
dehydrator-plant operator
production operator
pumper
treater

541.782 Con. DESULFURIZER OPERATOR (coke prod.)
operator, desulfurizer
purification man
GAS WORKER (comp. & liquefied gasses) I
engineer
helium-purification-laboratory operator.
LEAD-RECOVERY MAN, CONTINUOUS-NAPHTHA-TREATING PLANT (petrol. refin.)
utility man
PARAFFIN-PLANT OPERATOR (petrol. refin.)
waxman
wax pumper
Leakman, Paraffin Plant (petrol. refin.)
Pressman, Paraffin Plant (petrol. refin.)
PARAFFIN-PLANT-SWEATER MAN (petrol. refin.)
sweater operator
sweat man
PUMPMAN, BYPRODUCTS (coke prod.)
primary coolerman
pump tender
tar and ammonia pump operator

541.885 CENTRIFUGE-SEPARATOR TENDER (nonfer. metal alloys)
HEAVY-MEDIA OPERATOR (mining & quarrying)
SCREENMAN (coke prod.)
shaker operator

541.887 GAS-WORKER HELPER (comp. & liquefied gases)
SLATE PICKER (mining & quarrying)
bone picker
coal cleaner
lump picker
picking-table man
plateman
platform man
rock picker
scalper

542. Distilling, Subliming, and Carbonizing Occupations

This group includes occupations concerned with removing or obtaining gases, condensations, or residue in stills, ovens, or retorts. Includes liquefying and then distilling natural gases.

542.130 DISTILLATION FOREMAN (coal tar prod.)
supervisor, tar distillation

542.132 FOREMAN, BYPRODUCTS (coke prod.)
FOREMAN, OVENS (coke prod.)

542.138 FOREMAN, TOWER (petrol. refin.)
FURNACE FOREMAN (elec. equip.)
Foreman, Baking (elec. equip.)
Foreman, Extrusion (elec. equip.)
Foreman, Finishing (elec. equip.)
Foreman, Graphite (elec. equip.)

542.280 STILLMAN (petrol. refin.)
operator, refinery
Absorption-Plant Operator (petrol. refin.)
Purification Operator (petrol. refin.)
Stillman, Alkylation (petrol. refin.)
Stillman, Coking (petrol. refin.)
Stillman, Cracking Unit (petrol. refin.)
Stillman, Crude Unit (petrol. refin.)
Stillman, Gas Plant (petrol. refin.)
Stillman, Light-Ends Recovery (petrol. refin.)
Stillman, Polymerization Plant (petrol. refin.)
Stillman, Reforming Unit (petrol. refin.)
Stillman, Vapor Recovery Unit (petrol. refin.)
Stillman, Visbreaking (petrol. refin.)

542.587 COKE INSPECTOR (coke prod.)

542.782 CHARCOAL BURNER, BEEHIVE KILN (wood distil. & charc.)
collier
kiln burner
FIREMAN (petrol. refin.)
HEATER (coke prod.)
STILLMAN HELPER (petrol. refin.)
stillman assistant
Absorption-Plant-Operator Helper (petrol. refin.)

542.782 Con.
Purification-Operator Helper (petrol. refin.)
Stillman Helper, Cracking Unit (petrol. refin.)
Stillman Helper, Crude Unit (petrol. refin.)

542.884 FURNACE LOADER (elec. equip.)
packer

542.885 CALCINE OPERATOR (elec. equip.)
calciner
FIREMAN, FURNACE (bone, carbon, & lampblack)
OVEN-HEATER HELPER (coke prod.)
heater helper
Decarbonizing-Cap Man (coke prod.)
PLANT OPERATOR, CHANNEL PROCESS (bone, carbon, & lampblack)
SUBLIMER (coal tar prod.)
UNIT OPERATOR (bone, carbon, & lampblack)
plant-operator helper
WASH-OIL-PUMP OPERATOR HELPER (coke prod.)
light-oil operator

542.886 FURNACE UNLOADER (elec. equip.)
furnaceman

542.887 WHARFMAN (coke prod.)
wharf tender

543. Drying, Heating, and Melting Occupations
This group includes occupations concerned with subjecting materials to heat, to melt, dry, char, purify, or concentrate them.

543.782 CARBON-FURNACE OPERATOR (ore, dress., smelt., & refin.)
COKE BURNER (coke prod.)
DRIER OPERATOR (light, heat, & power)
DRIER OPERATOR (mining & quarrying; ore dress., smelt., & refin.)
coal-drier operator
furnace operator
kiln operator
OIL BOILER (artif. leather)
STILL OPERATOR (roof. materials)
fireman

543.884 CARBON-FURNACE-OPERATOR HELPER (ore dress., smelt., & refin.)
FURNACE COOLER (elec. equip.)
cooler

543.885 ASPHALT-PLANT DRIER OPERATOR (const.)
drier operator
BACKING-IN-MACHINE OPERATOR (linoleum)
BULLET-LUBRICANT MIXER (ammunition)
GRAPHITE PAN-DRIER TENDER (graphite)
GREASE MAKER (iron & steel)
THAW-SHED OPERATOR (coke prod.)
WAX-POT TENDER (found.)
melter

543.887 COKE DRAWER, HAND (coke prod.)
scraper-out man
LUTERMAN (coke prod.)
dauber
luter
mud-car man
paster

544. Grinding and Crushing Occupations
This group includes occupations concerned with reducing materials to smaller particles, such as granules, grits, powder, or paste, by means of compression, smashing, cutting, or a combination of these.

544.782 COAL-PULVERIZER OPERATOR (any ind.)
coal-mill operator
crusher man
crusher operator
grinder operator
mill-house attendant
pulverizer operator
pulverizing-plant operator
pyrator operator
CRUSHER-AND-BLENDER OPERATOR (coke prod.)
pulverizer operator
COKE-CRUSHER OPERATOR (coke prod.)
MILL-AND-COAL-TRANSPORT OPERATOR (light, heat, & power)
coal-transport-and-mill operator
mill operator

544.885 BREAKER TENDER (coke prod.)
GRINDER, CARBON PLANT (ore dress., smelt., & refin.)

546. Reacting Occupations. n.e.c.
This group includes occupations, not elsewhere classified, concerned with changing the chemical composition of petroleum, coal, natural and manufactured gas, and related products.

546.782 CONTROL MAN (petrol. refin.)
houseman
operator, control room
Control Man, Cracking Unit (petrol. refin.)
Control Man, Crude Unit (petrol. refin.)
Control Man, Polymerization Unit (petrol. refin.)
Solvent-Treating-Plant Control Man (petrol. refin.)

546.885 GAS TREATER (any ind.)
THERMALENE-GAS-PLANT OPERATOR (comp. & liquefied gases)

546.887 NAPHTHALENE-OPERATOR HELPER (coke prod.)
helper, naphthalene operator

549. Occupations in Processing of Petroleum, Coal, Natural and Manufactured Gas, and Related Products, n.e.c.
This group includes occupations, not elsewhere classified, concerned with preparing for commercial use the products of oil shales, oil and gas wells, and coal mines.

549.131 GASMAN, HEAD (petrol. production; pipe lines)
head gasman

549.132 FOREMAN (fuel briquettes)
FOREMAN, COAL HANDLING (coke prod.)
coal-handling foreman
FOREMAN, COKE HANDLING (coke prod.)
coke-handling foreman
FOREMAN, TREATING-AND-PUMPING (petrol. refin.)
treating and pumping foreman
GREASE MAKER, HEAD (petrol. refin.)
foreman, grease-making

549.137 GAS WORKER, CHIEF (comp. & liquefied gases)

549.138 FOREMAN, PURIFICATION (chem.; petrol. refin.)
chief operator
chief operator, hydroformer
extraction foreman
fractionation foreman
fractionation operator, head
Benzene-Refining Foreman (chem.; petrol. refin.)
FOREMAN, SPECIALTY PLANT (petrol. refin.)
loading foreman
PREPARATION PLANT FOREMAN (mining & quarrying)
breaker boss
tipple foreman
washery boss

549.380 PUMPMAN (petrol. refin.) II
pumper

549.384 TESTER, COMPRESSED GASES (comp. & liquefied gases)
compressed-gas tester
gas tester

549.387 CARGO INSPECTOR (petrol. production; petrol. refin.; pipe lines)
dockman
INSPECTOR (roof. materials)

549.782 BRIQUETTE-MACHINE OPERATOR (fuel briquettes)
briquette molder
molding-machine operator
Barbecue-Briquette-Machine Operator (fuel briquettes)
Charcoal-Briquette-Machine Operator (fuel briquettes)
Coal-Briquette-Machine Operator (fuel briquettes)
GASMAN (petrol. production)
PUMPMAN (petrol. refin.) I
process pumper
pumpman, treating
pump operator
still-pump operator
COOLING-TOWER OPERATOR (petrol. refin.)
WASH-OIL-PUMP OPERATOR (coke prod.)
light-oil operator
wash-oil-cooler operator

549.782 Con.
TREATER (petrol. refin.)
continuous-unit treater
stillman B-treating unit
treating-plant operator
Acid Treater (petrol. refin.)
Batch-Unit Treater (petrol. refin.)
Clay-Plant Treater (petrol. refin.)
Crude-Oil Treater (petrol. refin.)
Hydrogen Treater (petrol. refin.)
Naphtha-Plant Treater (petrol. refin.)
Solvent-Plant Treater (petrol. refin.)
Wax-Treater (petrol. refin.)

549.884 PUMPMAN HELPER (petrol. refin.)
pumper helper

549.885 ACETYLENE-CYLINDER-PACKING MIXER (comp. & liquefied gases)
ACETYLENE-PLANT OPERATOR (comp. & liquefied gases)
generator man
COATER, SLATE (roof. materials)
surfacing man
DEHYDRATOR OPERATOR, PEAT (agric.)
GAS WORKER (comp. & liquefied gases) VI
MOLDER, WAX (petrol. refin.)
REELER (roof. materials)
roll winder
winder operator
TREATER HELPER (petrol. refin.)
UTILITY OPERATOR (comp. & liquefied gases)
WAX MOLDER (found.; jewelry)
injection molder
Centrifugal - Wax Molder (found.; jewelry)
Injection-Wax Molder (found.; jewelry)

549.886 FELT HANGER (roof. materials)
dry-talc racker
RETORT UNLOADER (wood distil. & charc.)
charcoal unloader
kiln unloader
retort forker

549.887 CHASER, TAR (coke prod.)
tar chaser
tarman
tar runner
COMPRESSED-GAS-PLANT WORKER (comp. & liquefied gases)
Blow-Off Man (comp. & liquefied gases)
Cylinder Checker (comp. & liquefied gases)
Cylinder Devalver (comp. & liquefied gases)
Cylinder Handler (comp. & liquefied gases)
Cylinder Steamer (comp. & liquefied gases)
Cylinder Valver (comp. & liquefied gases)
Hoist-Cylinder Loader (comp. & liquefied gases)
Ice Handler (comp. & liquefied gases)
Ton-Container Shipper (comp. & liquefied gases)
Valve Steamer (comp. & liquefied gases)
HOT-HOUSE WORKER (bone, carbon, & lampblack)
LABORER, PETROLEUM REFINERY (petrol. refin.)
process helper
utility man
yardman
Laborer, Filter Plant (petrol. refin.)
MUD-MIXER HELPER (coke prod.)
SAMPLE BOY (elec. equip.)
SAMPLER (mining & quarrying)
bucker
coal inspector
hardness tester
ore sampler
tester
SAMPLER (petrol. refin.)
laboratory sampleman
sample boy

55 **OCCUPATIONS IN PROCESSING OF CHEMICALS, PLASTICS, SYNTHETICS, RUBBER, PAINT, AND RELATED PRODUCTS**

This division includes occupations concerned with manufacturing basic chemicals, such as acids, alkalies, salts, and organic chemicals; chemical products to be used in further manufacture, such as synthetic organic fibers, synthetic rubber, dry colors, and pigments; finished chemical products to be used as materials in other industries, such as paints, fertilizers, and explosives; plastics powders, granules, pellets, liquids; plastics sheets, blocks, rods, tubes, and laminations; and rubber-stock shapes and objects from natural, synthetic, or reclaimed rubber, gutta percha, balata, or gutta siak.

550. **Mixing and Blending Occupations**

This group includes occupations concerned with combining, mingling, or thoroughly fusing materials to produce a single mass or compound or to achieve a desired quality of texture, color, or similar characteristic.

550.131 COSMETICS FOREMAN (drug. prep. & rel. prod.)
FOREMAN, COMPOUNDING-AND-FINISHING (chem.)
550.137 FOREMAN, PASTE MIXING (elec. equip.)
FOREMAN, SHIPPING (glue)
packing-room foreman
550.138 COLORIST ASSISTANT (textile)
floorman
550.381 TINTER (paint & varn.)
color matcher
color shader
finish mixer
paint tinter
shader
Enamel Shader (paint & varn.)
Lacquer Shader (paint & varn.)
Latex-Paint Shader (paint & varn.)
Oil-Paint Shader (paint & varn.)
550.584 METAL-BONDING-ADHESIVE CRIB ATTENDANT (aircraft mfg.)
glue mixer
550.782 BANBURY-MIXER OPERATOR (any ind.)
millman, Banbury
plasticator
BIAZZI-NITRATOR OPERATOR (explosives)
BLEACH-LIQUOR MAKER (paper & pulp)
CARTER OPERATOR (paint & varn.)
COLOR MAKER (artif. leather)
print-color operator
Ball-Mill Mixer (artif. leather)
Daub-Color Matcher (artif. leather)
Daub-Color Mixer (artif. leather)
Grinding Operator (artif. leather)
Print-Color Matcher (artif. leather)
Print-Color Mixer (artif. leather)
COLOR MAKER (coal tar prod.)
FROTHING MAN (rubber goods)
Oakes-Machine Operator (rubber goods)
MIXER (paint & varn.)
batch mixer
blender
mixer man
mixer operator
striker
Glass-Enamel Mixer (paint & varn.)
Lacquer Blender (paint & varn.)
Paint Maker (paint & varn.)
Paste Mixer (paint & varn.)
Pigment Mixer (paint & varn.)
Putty Maker (paint & varn.)
MIXER OPERATOR (explosives)
blender operator
mixing-house operator
Composition Man (explosives)
Dope Mixer (explosives)
NITRATOR OPERATOR (explosives)
Binitrotoluene Operator (explosives)
Mononitrotoluene Operator (explosives)
Nitroglycerin-Nitrator Operator, Batch (explosives)
Tetryl-Nitrator Operator (explosives)
OPERATOR, CATALYST CONCENTRATION (plastics mat.)

550.782 Con. PRIMER-POWDER BLENDER, WEST (ammunition)
wet mixer
PULP-MACHINE OPERATOR (paint & varn.)
PULVERIZING-AND-SIFTING OPERATOR (ammunition; explosives)
RESIN-KETTLE OPERATOR (glue)
ROOF-CEMENT-AND-PAINT MAKER (roof. materials)
mixer
SILVERMAN (mirror)
SIZE MAN (paper & pulp)
starch and prosize mixer
SOLUTIONS OPERATOR (plastics mat.)
TANNING-SOLUTION MAN (leather mfg.)
bark man
THIOKOL OPERATOR (plastics mat.)
thionation operator
WEIGHER-BULKER (chem.)
550.883 FORMULA WEIGHER (rubber goods)
550.884 ANALYSIS GIRL (phonograph)
COLORMAN (hat & cap)
color foreman
color former
color mixer
dye foreman
dye man
dyer
dyer, head
COLOR MATCHER (button)
COLOR MIXER (wallpaper)
Ground-Color Mixer (wallpaper)
Print-Color Mixer (wallpaper)
DYE WEIGHER (any ind.)
chemical weigher
color-room man
color weigher
drug-room clerk
drug-room man
dye-chemist assistant
dye maker
dyer assistant
dyer, second
dyestuff weigher
laboratory-man assistant
second-band, dye house
Indigo Mixer (textile)
FLUX MAN (welding)
PAINT MIXER, HAND (any ind.)
mixer
Spray Blender (any ind.)
PRIMING-POWDER-PREMIX BLENDER (ammunition)
SAMPLE-COLOR MAKER (paint & varn.)
brush-out man
rub-out man
550.885 ACID MAN (explosives)
acid blower
mixing-plant operator
nitrating-acid mixer
Ammonium-Nitrate Neutralizer (explosives)
Dimethylaniline-Sulfator Operator (explosives)
Fortifier Operator (explosives)
BATCH MIXER (soap)
blender
BINDER TECHNICIAN (glass mfg.)
BLENDER (coal tar prod.) I
dye blender
pigment blender
BLENDER (explosives)
blender operator
Macerator Operator (explosives)
TETRYL-BLENDER OPERATOR (explosives)
BLENDER (fabric. plastics prod.; plastics mat.)
compounder
powder mixer
BRINEMAN (chem.)
brineman, soda
brine-process operator
dissolver operator
filter operator
saltman
salt-room man
Brine Purifier (chem.)
BRINEMAN, POTASH (chem.)

550.885 Con. POWERHOUSE HELPER (bone, carbon, & lampblack)
CD-MIXER (rubber reclaim.)
pan devulcanizer
pan reclaim processor
CELLOPHANE-BATH MIXER (plastics mat.)
coagulating-bath operator
CEMENT MIXER (rubber goods; rubber tire & tube)
CHEMICAL MIXER (knit goods; textile)
compounder
Acid-Bath Mixer (textile)
Ammonia-Solution Preparer (textile)
Caustic Mixer (textile)
Latex Compounder (textile)
Size Maker (felt goods; textile)
Soap Mixer (textile)
Waterproofing Mixer (textile)
CORRECTION MAN (synthetic fibers) II
bath mixer
bath-solution maker
CHURN MAN (synthetic fibers)
barratte operator
mixer man
TANKROOM MAN (synthetic fibers) I
COATING OPERATOR (chem.)
COLOR MIXER (fabric. plastics prod.; plastics mat.)
COLOR-PASTE MIXER (textile)
COMPOSITION MIXER (linoleum)
mixer operator
COMPOUNDER (drug. prep. & rel. prod.; soap)
perfume compounder
COMPOUNDER (rubber goods)
COMPOUND FINISHER (match)
tempering man
CRUTCHER (soap)
crutcher-machine attendant
crutching-machine operator
DISULFURIZER FLOORMAN (plastics mat.)
xanthation floorman
DOPP-MACHINE OPERATOR (drug. prep. & rel. prod.)
DUSTLESS OPERATOR (bone, carbon, & lampblack)
beader tender
pelletizer tender
GLUE BLENDER (glue)
Gelatin Blender (glue)
GROUND MIXER (wallpaper)
clay mixer
LIME-SLUDGE MIXER (paper & pulp)
MAKE-READY MAN (match)
MILLMAN (rubber goods; rubber reclaim.; rubber tire & tube)
rubber-mill operator
Millman, Break-Down (rubber goods; rubber tire & tube)
Millman, Warm-Up (rubber goods; rubber tire & tube)
Millman, Washing (rubber goods; rubber tire & tube)
APRON-MILL TENDER (rubber reclaim.)
mill operator
mill reclaimer
reclaimer
MIX-MILL MAN (rubber goods; rubber tire & tube)
mill mixer
mixing-mill operator
pigment blender
rubber mixer
MIXER (artif. leather)
make-up man
Colloid Mixer (artif. leather)
MIXER (comp. & liquefied gases)
MIXER (fertilizer)
dry mixer
mixer-machine man
WET MIXER (fertilizer)
MIXER (insecticides)
MIXER, FOAM RUBBER (rubber goods)
MIXER OPERATOR (chem.)
blender
MIXING-MACHINE OPERATOR (any ind.)
compounder
mixer

550.885 Con.
process operator
Adhesive Compounder (any ind.)
Chemical Mixer (any ind.)
Chemical Mixer (drug. prep. & rel. prod.)
Coagulating-Plant Operator (waterworks)
Compounder, Fragrances and Flavorings (chem.)
Cosmetic Mixer (drug. prep. & rel. prod.)
Cream Maker (drug. prep. & rel. prod.)
Dental-Cream Cooker (drug. prep. & rel. prod.)
Dye Mixer (photo. apparatus)
Glue Mixer (any ind.)
Liquid Compounder (any ind.)
Ointment Maker (drug. prep. & rel. prod.)
Perfume and Toilet Water Maker (drug. prep. & rel. prod.)
Powder Compounder (any ind.)
Powder Mixer (chem.)
Rouge Mixer (drug. prep. & rel. prod.)
CHEMICAL PREPARER (electronics)
MIXING MAN (match)
MIXING-MACHINE OPERATOR (clean. & polish. prod.)
MIXING-MACHINE OPERATOR (fabric. plastics prod.; plastics mat.)
batch maker
mixer and weigher
MOTTLER OPERATOR (linoleum)
OINTMENT-MILL TENDER (drug. prep. & rel. prod.)
PAINT-AND-SOLUTION MIXER (bal. & scales)
PAINT MIXER, MACHINE (any ind.)
PAINT THINNER (mirror)
PASTE MIXER (elec. equip.)
mix-room operator
Dry-Paste Mixer (elec. equip.)
Wet-Paste Mixer (elec. equip.)
PASTE MIXER, LIQUID (elec. equip.)
spin-paste mixer
PIGMENT BLENDER (rubber goods; rubber tire & tube) I
POWDER BLENDER AND POURER (ammunition)
powder canning man
Salvage-Powder Blender (ammunition)
PRIMER-POWDER BLENDER, DRY (ammunition)
dry mixer
REAGENT MAN (ore dress., smelt., & refin.)
RESIN COMPOUNDER, BATCH LOT (plastics mat.)
blender and compounder
compounder and blender
dry ingredient blender
mixer
ROLL-TENDER HELPER (glue)
SOLUTION MAN (plastics mat.)
batch control operator
dope mixer
make-up man
monomer-mix operator
resin man
solution-filter operator
solvent man
SOLUTION MIXER (electronics)
chemical-prep operator
TETRYL-DISSOLVER OPERATOR (explosives)
dissolver operator
THINNER (paint & varn.)
blender
reducer
Bulk-Pigment Reducer (paint & varn.)
Paste Thinner (paint & varn.)
Stain Maker (paint & varn.)
Varnish Thinner (paint & varn.)
TRACER-POWDER BLENDER (ammunition)
TUMBLER OPERATOR (fireworks)
WAX BLENDER (candle)
beeswax blender
WEIGHER AND MIXER (ink)
color mixer
inkman
mixer and weigher
work-off man

550.886 BANBURY-MIXER-OPERATOR HELPER (any ind.)
BATCH TRUCKER (rubber reclaim.)
batch weigher and mixer
CRUTCHER HELPER (soap)
GLAZING OPERATOR, BLACK POWDER (ammunition; explosives)
REAGENT-MAN HELPER (ore dress., smelt., & refin.)
ROOF-CEMENT-AND-PAINT-MAKER HELPER (roof. materials)
mixer helper
STRICKLER FEEDER (linoleum)
feeder, color-depositing machine
Breaker Feeder (linoleum)
550.887 BLENDER HELPER (fabric. plastics prod.; plastics mat.)
compounder helper
CHEMICAL-COMPOUNDER HELPER (coaltar prod.)
Optical-Brightener-Maker Helper (coal tar prod.)
COLOR STRAINER (textile)
color-mixer assistant
DYE-WEIGHER HELPER (any ind.)
color-mixer helper
color-shop helper
MAKE-UP MAN HELPER (chem.)
batch-up man
PILOT-OPERATOR HELPER (plastics mat.)
SAMPLEMAN (fertilizer)

551. Filtering, Straining, and Separating Occupations
This group includes occupations concerned with separating desirable materials by means of filtering, straining, sifting, squeezing, centrifugal force, or agitating devices.

551.130 FOREMAN, PROCESSING (salt production)
processing foreman
551.782 ABSORPTION OPERATOR (chem.; coal tar prod.)
saturator
Aqua-Ammonia Operator (chem.)
Ammonium-Hydroxide Operator (chem.)
Hydrochloric-Acid Operator (chem.)
BENZENE-WASHER OPERATOR (chem.; coke prod.)
acid-wash operator
agitator man
agitator operator
benzene operator
benzol operator
FILTRATION OPERATOR, POLYETHYLENE CATALYST (chem.)
HYDRAULIC-STRAINER OPERATOR (plastics mat.)
filter operator
MONOMER-PURIFICATION OPERATOR (chem.) I
PURIFICATION OPERATOR (chem.) I
gas-scrubber operator
WATER-GAS OPERATOR (comp. & liquefied gases)
551.885 BAND TUMBLER (rubber goods)
BEATER OPERATOR (explosives)
pulping-machine operator
BOILING-TUB OPERATOR (explosives)
washing-tub operator
Tetryl-Boiling-Tub Operator (explosives)
BONE-COOKING OPERATOR (glue)
CATALYST-RECOVERY OPERATOR (chem.; oils & fats)
CENTRIFUGE OPERATOR (paint & varn.)
Lacquer Filterer (paint & varn.)
Varnish Filterer (paint & varn.)
CENTRIFUGE OPERATOR (soap)
salt operator
CENTRIFUGE-SEPARATOR OPERATOR (glue)
CHILLER OPERATOR (chem.)
COMPOUND-SIFTER OPERATOR (rubber goods; rubber tire & tube)
compound sifter
COTTON-WRINGER OPERATOR (explosives)
tetryl-wringer operator
wringer operator
DEHYDRATING-PRESS OPERATOR (ammunition; explosives; plastics mat.)
EXTRACTOR-AND-WRINGER OPERATOR (coal tar prod.)
wringer-and-extractor operator
EXTRACTOR OPERATOR (drug. prep. & rel. prod.)
EXTRACTOR OPERATOR (glue; grease & tallow)

551.885 Con.
EXTRACTOR OPERATOR, SOLVENT PROCESS (chem.)
solvent plant operator
FAT-PURIFICATION WORKER (oils & fats; soap)
acidulator
FILTER HELPER (bone, carbon, & lampblack)
FILTER-TANK OPERATOR (coal tar prod.)
GREASE-REFINER OPERATOR (grease & tallow)
LEACHER (paper & pulp)
LYE TREATER (chem.; soap)
MERCURY PURIFIER (chem.)
MERCURY WASHER (chem.)
mercury recoverer
NAPHTHALENE OPERATOR (coke prod.)
Drier Man, Naphthalene (coke prod.)
NITROGLYCERIN-SEPARATOR OPERATOR (explosives)
separator
PAN HELPER (chem.)
deckman
PIGMENT PRESSER (chem.)
POACHER OPERATOR (ammunition; explosives)
pulp-screen operator
PONDMAN (salt production)
PRECIPITATE WASHER (chem.)
PRESS OPERATOR (chem.)
PRESS OPERATOR (grease & tallow)
PURIFICATION OPERATOR (coal tar prod.) I
Anthracene Operator (coal tar prod.)
CLARIFICATION OPERATOR (coal tar prod.)
creosol-separator operator
PURIFICATION-OPERATOR HELPER (chem.)
RECOVERY MAN (soap)
Ducon operator
REFINERMAN (rubber reclaim.; rubber tire & tube)
millman, reclaim break-down
millman, reclaim finishing
millman, reclaim rough-refining
refiner operator
ROTARY-CUTTER OPERATOR (rubber goods)
SCREEN OPERATOR (chem.)
screenman
shaker-screen operator
vibrating-screen operator
SECOND OPERATOR, FILTERMAN (chem.)
SEED-CLEANER OPERATOR (agric.; oils & fats)
seed cleaner
seed-cleaning-machine operator
SEPARATOR (ink)
SODA DIALYZER (synthetic fibers)
dialyzer man
STRAINER TENDER (rubber reclaim.)
strainer-mill operator
strainer operator
TETRYL-SCREEN OPERATOR (explosives)
VACUUM-PAN OPERATOR (explosives) I
VACUUM-PAN OPERATOR (explosives) II
WASHERMAN (salt production)
Washerman, Harvesting Station (salt production)
Washerman, Processing Station (salt production)
WATER-TREATMENT-PLANT OPERATOR (ore dress., smelt., & refin.)
WAX BLEACHER (candle)
beeswax bleacher
551.886 EXTRACTOR LOADER AND UNLOADER (glue)
HOPPER MAN (grease & tallow)
grease press helper
Extractor Puller (grease & tallow)
PITCH WORKER (optical goods)
SCRAP GRINDER (rubber goods)
551.887 BONE PICKER (glue)
BRINE MAKER (salt production)
LABORER, COOK HOUSE (glue)
PACK-ROOM OPERATOR (synthetic fibers)
SCREEN CLEANER (rubber reclaim.)
SODA-ROOM MAN (synthetic fibers)
filter presser
mercerizer
soaking-room operator
steeping-press operator

552. Distilling Occupations
This group includes occupations concerned with heating a mixture to vaporize the more volatile parts and separate them from the less volatile, and then cooling and condensing the

vapor to produce a nearly pure or refined substance.

552.132 SHIFT SUPERINTENDENT, CAUSTIC CRESYLATE (chem.)

552.380 RECOVERY OPERATOR (paper & pulp)

552.782 BATCH-STILL OPERATOR (chem.) II
rectifying operator
Ammonium-Hydroxide-Still Operator (chem.)
CONTINUOUS-STILL OPERATOR (chem.)
rectifying operator
steam-still operator
stillman
Byproducts-Recovery-Still Operator (chem.)
Ethylbenzene-Still Operator (chem.)
Monomer-Purification Operator (chem.) II
Mva-Still Operator, Head (chem.)
Styrene-Continuous-Still Operator (chem.)
Styrene-Finishing Operator, Head (chem.)
ISOBUTYLENE-SEPARATION OPERATOR (chem.)
MONOMER-RECOVERY OPERATOR (plastics mat.)
still operator, recovery
DISTILLATION OPERATOR (coal tar prod.)
purification operator
Naphthalene-Still Operator (coal tar prod.)
Tar-Heater Operator (coal tar prod.)
DISTILLER (wood distil. & charc.)
refining-still operator
still tender
EXTRACTOR OPERATOR (wood distil. & charc.)
digester operator
OXYGEN-PLANT OPERATOR (comp. & liquefied gases)
PYRIDINE OPERATOR (coke prod.)
pyridine-recovery operator
STILL OPERATOR, BATCH OR CONTINUOUS (chem.)
purification operator
Alcohol-Still Operator (chem.)
Benzene-Still Operator (chem.)
Butadiene-Still Operator (chem.)
Flash-Vaporizer Operator (chem.)
Rectifying-Column Operator (chem.)
Stripping-Column Operator (chem.)
STRIPPER OPERATOR (chem.)

552.885 ACETONE-RECOVERY WORKER (synthetic fibers)
BATCH-STILL OPERATOR (chem.) I
distiller
stillman
Ammonia-Still Operator (chem.)
Byproducts Operator (light, heat, & power)
CRYSTALLIZER OPERATOR (explosives)
GLYCERIN OPERATOR (soap)
BATH-MIX OPERATOR (plastics mat.)
DEODORIZER (oils & fats)
DISTILLER (turp. & rosin)
stiller
still tender
turpentine maker
RETORT-CONDENSER ATTENDANT (wood distil. & charc.)
alleyman
STILL OPERATOR (leather mfg.)
degreasing-solution reclaimer
Kerosene Reclaimer (leather mfg.)
STILL-OPERATOR HELPER (chem.)
Alcohol-Still Helper (chem.)
Butadiene-Still Helper (chem.)
Ethylbenzene-Still Helper (chem.)
Monomer-Recovery Helper (plastics mat.)
Monovinylacetylene-Still Helper (chem.)
Styrene-Finishing Operator, Assistant (chem.)
SECOND OPERATOR (chem.)
STILL TENDER (any ind.)
Solvent-Recovery Man (any ind.)

552.886 DECKHAND (turp. & rosin) I
still hand
still helper
EXTRACTOR-OPERATOR HELPER (wood distil. & charc.)

552.887 DECKHAND (turp. & rosin) II
still hand
still helper
DISTILLATION-OPERATOR HELPER (coal tar prod.)

553. Heating, Baking, Drying, Seasoning, Melting, and Heat-Treating Occupations

This group includes occupations concerned with removing moisture from material by exposure to heat, air, vacuum, or desiccants; exposing material to heat to facilitate its processing by others, liquefy solids or gases, change chemical composition, effect texture and consistency, or remove solvents or other undesirable components.

553.132 FOREMAN, CHAR HOUSE (sugar)
char-house foreman
FOREMAN, GREASE REFINING (grease & tallow)

553.585 DRY-HOUSE MAN (fireworks)
dry-house attendant
drying-room attendant

553.782 AGING FLOORMAN (plastics mat.)
AUTOCLAVE OPERATOR (chem.)
BELT-PRESS OPERATOR (rubber goods) I
BLACK-ASH-BURNER OPERATOR (paper & pulp)
fireman, recovery
incinerator man
BOILER (soap)
CARBON-ARC-FURNACE OPERATOR (minerals & earths)
CARBON REVIVIFIER (sugar)
CATALYST OPERATOR (oils & fats)
CUREMAN, FOAM RUBBER (rubber goods)
DRIER OPERATOR (chem.) II
tunnel-drier operator
Continuous-Conveyor-Screen Drier (chem.)
EVAPORATOR MAN (wood distil. & charc.)
EVAPORATOR OPERATOR (any ind.)
Caustic-Evaporator Operator (chem.)
Caustic-Soda Reclaimer (textile)
Grinrod Operator (choc. & cocoa)
Panman, Heavy (corn prod.)
Panman, Light (corn prod.)
Soap Reclaimer (textile)
Tomato-Paste Maker (can. & preserv.)
EVAPORATOR OPERATOR (chem.; sugar)
evaporator man
multiple-effect evaporator operator
vacuum-pan operator
Double-Effect Evaporator Operator (chem.; sugar)
Quadruple-Effect Evaporator Operator (chem.; sugar)
Triple-Effect Evaporator Operator (chem.; sugar)
EVAPORATOR OPERATOR (glue)
concentrator man
evaporator man
vacuum-pan operator
FLASH-DRIER OPERATOR (bone, carbon, & lampblack)
FURNACE OPERATOR (elec. equip.)
oven tender
KETTLE OPERATOR, ADHESIVE (glue)
Glue Cooker, Dry Converted (glue)
Glue Cooker, Vegetable (glue)
POT FIREMAN (chem.)
fireman and pot-attendant
kettle fireman
potman
PURIFICATION OPERATOR (plastics mat.)
VARNISH MAKER (ink; paint & varn.)
blender
cooker, varnish
varnish blender
varnish melter
Furniture-Finish Blender (paint & varn.)
Spirit-Varnish Maker (paint & varn.)
V-BELT CUREMAN (rubber goods)

553.884 HEAT WELDER, PLASTICS (fabric. plastics prod.)
welder, plastic

553.884 NITROCOTTON OPERATOR (explosives)
Con. cotton-house operator

553.885 BAGGER (fabric. plastics prod.)
vacuum-forming-machine operator
BELT-PRESS OPERATOR (rubber goods) II
BLACK-ASH-CONVEYOR MAN (paper & pulp)
BLACK-MAIL OPERATOR (bone, carbon, & lampblack)
BOILING-OUT-OVEN OPERATOR (plastics mat.)
BONE-DRIER OPERATOR (glue; grain & feed mill.)
bone drier
dry-box operator
glue-bone drier
BULK-SEALER OPERATOR (paper goods)
BURNER MAN (fertilizer)
CADMIUM-LIQUOR MAKER (paint & varn.)
liquor maker
CALCINE-FURNACE MAN (paint & varn.)
kiln operator
CALCINER HELPER (chem.)
CENTRIFUGAL-DRIER OPERATOR (chem.)
centrifuge operator
Salt Cutter (chem.; salt production)
SULFATE-DRIER-MACHINE OPERATOR (coke prod.)
CONTINUOUS-LINTER-DRIER OPERATOR (explosives)
Cotton-Picker Operator (explosives)
Linter-Drier Operator (explosives)
COOK (glue)
extractor
hide-cooking operator
COOKER MAN (grease & tallow; slaught. & meat pack.)
CRIMPING-MACHINE OPERATOR (textile) I
crimp operator
textralizer
CRIMP SETTER (textile)
steam setter
CURING-OVEN TENDER (ordnance)
DE-AMMONIATOR (rubber goods)
DEBUBBLIZER (plastics mat.)
DRIER (rubber goods)
drying-room tender
DRIER OPERATOR (ammunition; explosives)
dry-house attendant
Dry-House Man, Tetryl (explosives)
Solvent-Recovery Man (explosives)
DRIER OPERATOR (chem.) I
atmospheric-drier tender
dry-room operator
PLASTICS-SEASONER OPERATOR (plastics mat.)
curing operator
drier man
hot-air-seasoning man
oven tender
seasoning operator
temperature-control man
TRAY-DRIER OPERATOR (bone, carbon, & lampblack)
VACUUM-DRIER TENDER (chem.)
shelf-drier operator
DRIER OPERATOR (chem.) III
calciner operator
rotary-drier operator
DRIER OPERATOR (chem.) IV
spray drier
DRIER OPERATOR (chem.; drug. prep. & rel. prod.)
drum-drier operator
vacuum-drum-drier operator
DRUM-DRIER OPERATOR (bone, carbon, & lampblack)
DRIER OPERATOR (glue)
glue-drier operator
pearl-glue-drier man
DRIER OPERATOR (plastics mat.) II
DRIER OPERATOR (rubber reclaim.)
DRIER-OPERATOR HELPER (glue)
laborer, glue drying
DRIER TENDER (rubber goods)
DRYING-ROOM ATTENDANT (soap)
drier tender
FIRE-HOSE CURER (rubber goods)
FIREMAN, BONE KILN (corn prod.)
char-kiln tender
FIREMAN HELPER (paper & pulp)
Tube Lancer (paper & pulp)

553.885 Con.
FIREMAN, RETORT (chem.; wood distil. & charc.)
HEATER TENDER (rubber goods; rubber tire & tube)
cureman
heater man
heater steam-tender
rubber curer
vulcanizer operator
Fabric-Flap-Heater Tender (rubber tire & tube)
Inner-Tube Curer (rubber tire & tube)
KETTLE WORKER (soap)
LIME-SLUDGE KILN OPERATOR (paper & pulp)
kiln operator, lime sludge
MILLED-RUBBER ATTENDANT (rubber goods; rubber tire & tube)
OVENMAN (elec. equip.)
furnace fireman
OVENMAN, PLASTIC DOLLS (toys & games)
OVEN TENDER (furn.)
baker, paint
enamel burner
kiln tender
oven attendant
oven loader
ovenman
PIGMENT FURNACE TENDER (chem.)
POT-HEATER TENDER (rubber tire & tube)
curer
kettle tender
pit steam-tender
vulcanizer
Pneumatic-Tire Cureman (rubber tire & tube)
Solid-Tire Cureman (rubber tire & tube)
PRIMER-DRYHOUSE MAN (ammunition)
primer expeditor and drier
RABBLE FURNACEMAN (bone, carbon, & lampblack)
Granular Operator (bone, carbon, & lampblack)
ROTARY-FURNACE MAN (chem.)
Sulfur Burner (chem.)
RUBBER-TUBING SPLICER (rubber goods)
splicer
SOAP-DRIER OPERATOR (soap)
drier-machine hand
flake drier
roll-machine attendant
SPLICING-MACHINE OPERATOR (rubber tire & tube)
vulcanizing-machine operator
STEAM MAN (rubber goods) I
STEAM MAN (rubber goods) II
THERMAL MOLDMAN (rubber goods)
heater tender
platen pressman
TIRE-BAGGING-MACHINE Tender (rubber tire & tube)
air bagger
bagging-machine operator
tire bagger
tire-forming-machine operator
tire shaper
TIRE MOLDER (auto. ser.)
curing finisher
moldman
retread-mold operator
steam man
TUMBLER OPERATOR (rubber goods)
WATCHCASE-VULCANIZER TENDER (rubber tire & tube)
Air-Bag-and-Tube Cureman (rubber tire & tube)
Truck-Tire Cureman (rubber tire & tube)
TIRE CUREMAN (rubber tire & tube)
Bag-O-Matic-Press Operator (rubber tire & tube)

553.886 BELT-PRESS-OPERATOR HELPER (rubber goods)
BONE-CHAR OPERATOR (bone, carbon, & lampblack; grain & feed mill.)
retort-feeding conveyor man
Retort Man, Ground Bone (bone, carbon, & lampblack; grain & feed mill.)

553.886 Con.
CALCINE-FURNACE-MAN HELPER (paint & varn.)
calcine furnace loader
CD-MIXER HELPER (rubber reclaim.)
pan devulcanizer helper
DRIER MAN (rubber goods)
DRIER-OPERATOR HELPER (rubber reclaim.)
dry-room helper
FRAME FEEDER (glue)
machine man
OVEN LOADER (rubber goods)
ROTARY-DRIER FEEDER (chem.)
calciner feeder
Soda-Drier Feeder (chem.)
Sulfur Feeder (chem.)
VAPORIZER HELPER (plastics mat.)
vaporizer-operator helper
VARNISH-MAKER HELPER (ink; paint & varn.)

553.887 CD-PAN DUMPER (rubber reclaim.)
pan dumper
Pan Cleaner (rubber reclaim.)
CD-PAN LOADER (rubber reclaim.)
DRIER HELPER (chem.)
Spray-Drier-Operator Helper (chem.)
FURNACE HELPER (bone, carbon, & lampblack)
weight man
FURNACE PACKER, CARBON FURNACE (elec. equip.)
furnace loader-and-unloader

554. Coating, Calendering, Laminating, and Finishing Occupations

This group includes occupations concerned with imparting a desired finish or insuring uniform thickness in materials by pressure applied with rollers; forming or pressing materials into thin sheets or layers and then adding them to other materials, such as putting rubber backings on rugs; covering materials and objects with a layer of another material for such purposes as preserving or decorating them; adding a desired surface effect to materials and objects; and removing blemishes from them.

554.138 FINISHING FOREMAN, PLASTIC SHEETS (plastics mat.)
FOREMAN, COATING (plastics mat.)

554.484 SAMPLER (fabric. plastics prod.; plastics mat.)
resin tester
treater tester

554.587 ROLL INSPECTOR (plastics mat.)
slit roll inspector

554.782 CALENDER-LET-OFF MAN (rubber goods; rubber tire & tube)
Dip-Unit Operator (rubber goods; rubber tire & tube)
CALENDER OPERATOR (rubber goods; rubber tire & tube)
calender man
Calender Operator, Fabric (rubber goods; rubber tire & tube)
Calender Operator, Gum Stock (rubber goods; rubber tire & tube)
CALENDER OPERATOR, FOUR-ROLL (fabric. plastics prod.; rubber goods; rubber tire & tube)
z-calender operator
COATER (drug. prep. & rel. prod.)
pill coater
tablet coater
HOSE MAKER, MACHINE (rubber goods)
PLASTIC-SPREADING-MACHINE OPERATOR (plastics mat.)
ROLL OPERATOR (plastics mat.)
calender-roll operator
mill-roll operator
ROOFING-MACHINE OPERATOR (roof. materials)
SPONGE-RANGE OPERATOR (carpet & rug)

554.884 CAUSTIC OPERATOR (plastics mat.)
DYER (button)
floorman
FOAM DISPENSER (rubber goods)
pour man

554.885 BELTING FINISHER (narrow fabrics)
BUCKLE-STRAP-DRUM OPERATOR (rubber goods)
CALENDER-WIND-UP MAN (rubber goods; rubber tire & tube)
calender helper
roll changer
wind-up man

554.885 Con.
CATHODE MAKER (chem.)
CELLOPHANE-FOLDING-MACHINE OPERATOR (fabric. prod., n.e.c.)
COATER OPERATOR (plastics mat.)
dipping-machine operator
impregnating-machine operator
COATING-AND-BAKING OPERATOR (any ind.)
Coating-Machine Operator, Metal Tags and Signs (signs)
Flash-Oven Operator (elec. equip.)
Operator, Coating Furnace (cut. tools)
COMBINING-MACHINE OPERATOR (plastics mat.)
FINISHER, CHERRY BOMBS (fireworks)
cherry-bomb coater
LAMINATING-MACHINE OPERATOR (rubber goods)
doubling-machine operator
LINER REROLL MAN (rubber goods; rubber tire & tube)
MILL-ROLL REWINDER (plastics mat.)
SIZING-MACHINE OPERATOR (abrasive & polish. prod.)
SLAB-OFF MAN (rubber goods; rubber tire & tube)
SPREADER MAN (rubber goods; rubber tire & tube)
SQUEEGEE MAN (rubber tire & tube)
STRAP-FOLDING-MACHINE OPERATOR (rubber goods)
STRIPPING-MACHINE OPERATOR (rubber goods)
VARNISH-MACHINE OPERATOR (rubber goods)
WIND-UP MAN, TREAD RUBBER (rubber tire & tube)

554.886 CALENDER FEEDER (rubber goods)
CALENDER-LET-OFF HELPER (rubber goods; rubber tire & tube)
CALENDER-OPERATOR HELPER (rubber goods; rubber tire & tube)
liner-roll changer
rubber-calender helper
wind-up man
CALENDER-TAKE-OFF MAN (rubber goods)
CALENDER-WIND-UP-MAN HELPER (rubber goods; rubber tire & tube)
COATING-MACHINE FEEDER (leather prod.)
cementer, machine
glue-machine feeder
FINISHER (plastics mat.)
fill-in man
TAKE-OFF GIRL (rubber goods)

554.887 SPREADER (plastics mat.)
impregnator
SPREADER-MAN HELPER (rubber goods)

555. Grinding and Crushing Occupations

This group includes occupations concerned with reducing materials to smaller particles, such as granules, grits, powder, or paste, by means of compression, smashing, cutting, or a combination of these

555.782 DRY-WHITE-LEAD GRINDER (paint & varn.)
grinder, lead
millman, dry grinder
millman, white lead
white-lead grinder
MILLER (salt production)
Miller, Kiln-Dried Salt (salt production)
PALLMAN-MILL OPERATOR (rubber goods)
ROLLER-MILL OPERATOR (ink; paint & varn.)
paint grinder, roller mill
roll-mill man
roll-mill operator
Ink-Mill Hand (ink)
STONE-MILL OPERATOR (paint & varn.)
burr-mill operator
paint grinder, stone mill
stone-grinder operator
WHITE-LEAD MAKER (paint & varn.)

555.885 BONE CRUSHER (glue)
glue-bone crusher
CHOPPERMAN (glue)
shredder operator
CRUSHER TENDER (linoleum)
frame-and-scrap crusher
frame crusher
scrap crusher
CRUSHER OPERATOR (plastics mat.)
DAUB GRINDER (artif. leather)

555.885 Con. FINE GRINDER (rubber reclaim.)
grinder operator
GRINDER (fabric. plastics prod.; plastics mat.)
cutter operator
pulverizer
GRINDER (rubber reclaim.)
chopper and cracker feeder
cracker
hog operator
millman, reclaim chopper
GRINDER OPERATOR (chem.)
crusher operator
mill operator
pulverizer tender
Filtrose Crusher (chem.)
Paradichlorobenzene-Machine Operator (chem.)
MILL ATTENDANT (salt production)
MILLMAN (coal tar prod.)
MIX-CRUSHER OPERATOR (elec. equip.)
screenman
PELLET-PRESS OPERATOR (chem.)
granulator operator
hydraulic-press operator
mechanical-press operator
PULVERIZER (coal tar prod.)
blender
salicylic-acid blender
RUBBER GRINDER (rubber goods)
rubber-type grinder
SCRATCHER TENDER (linoleum)
Color Receiver (linoleum)
SECOND OPERATOR, MILLMAN (chem.)
SHREDDER OPERATOR (synthetic fibers)
shredding-machine operator
SOAP GRINDER (soap)
frame stripper and crusher
WHEEL-MILL OPERATOR (explosives)
Graining Operator (explosives)

555.886 BEAD PICKER (rubber reclaim.)
BLOCK-BREAKER OPERATOR (explosives)
digester operator
CAKE-PRESS-OPERATOR HELPER (plastics mat.)
COPRA GRINDER (soap)
SOAP CHIPPER (soap)

555.887 ANIMAL SKINNER (glue; grease & tallow)
skinner
Horse Skinner (glue)
SCALE OPERATOR (glue)

556. Casting and Molding Occupations, n.e.c.

This group includes occupations, not elsewhere classified, concerned with shaping or solidifying molten or powdered materials by pouring, injecting, or pressing them into molds or other receptacles, and allowing or causing them to solidify.

556.130 FOREMAN (fabric. plastics prod.; plastics mat.)
shift-production supervisor
FOREMAN, PLASTICS (toys & games)

556.684 CELL INSPECTOR (plastics mat.)
mold inspector

556.780 MOLD SETTER (fabric. plastics prod.; phonograph)
die setter
set-up man, plastics-molding machine
Compression-Molding-Machine Set-Up Man (fabric. plastics prod.)
Injection - Molding - Machine Set - Up Man (fabric. plastics prod.; phonograph)

556.782 ARCH-CUSHION-PRESS OPERATOR (rubber goods)
COMPRESSION-MOLDING-MACHINE OPERATOR (fabric. plastics prod.)
Cold-Molding-Press Operator (fabric. plastics prod.)
COMPRESSOR (drug. prep. & rel. prod.; salt production)
DYNAMITE-PACKING-MACHINE OPERATOR (explosives)
GELATIN-DYNAMITE-PACKING OPERATOR (explosives)
INJECTION-MOLDING-MACHINE OPERATOR (fabric. plastics prod.)
injection molder
molder

556.782 Con. PLATE MOLDER (pen & pencil; print. & pub.)
Vulcanizer, Rubber Plate (pen & pencil; print. & pub.)
PLODDERMAN (soap)
PREFORM-MACHINE OPERATOR (button)

556.884 ENCAPSULATOR (aircraft mfg.)
molder, resin
MOLD-FILLING OPERATOR (plastics mat.)
cell pourer
flat-sheet maker
RUBBER MOLDER (model & pattern)
SCAGLIOLA MECHANIC (stat. & art goods)
imitation-marble mechanic

556.885 AIR-BAG CUREMAN (rubber tire & tube)
BLOCK-PRESS OPERATOR (explosives)
powder-press operator
Final-Block-Press Operator (explosives)
Preliminary-Block-Press Operator (explosives)
BOWLING-BALL MOLDER (sports equip.)
CAKE-PRESS OPERATOR (plastics mat.)
CASTING-MACHINE-SERVICE OPERATOR (plastics mat.)
CASTING-ROOM OPERATOR (plastics mat.)
hopper operator
COMPRESSION - MOLDING - MACHINE TENDER (fabric. plastics prod.)
molder
plastic-press molder
MOLD-PRESS OPERATOR (button)
CORRUGATOR OPERATOR (plastics mat.)
COSMETICS PRESSER (drug. prep. & rel. prod.)
molder
rouge presser
DIPPER (rubber goods)
Coagulant Dipper (rubber goods)
Latex Dipper (rubber goods)
DIPPING-MACHINE OPERATOR (rubber goods)
INJECTION-MOLDING-MACHINE TENDER (fabric. plastics prod.; phonograph)
machine tender
MATTING PRESSMAN (rubber goods)
MOLDER, FOAM RUBBER (rubber goods)
MOLDER, PIPE COVERING (fabric. plastics prod.)
Specialty Molder (fabric. plastics prod.)
MOLDMAN, MACHINE (drug. prep. & rel. prod.)
PARADICHLOROBENZENE MAN (chem.)
paradi man
para operator
PEARL-GLUE OPERATOR (glue)
PILLING-MACHINE OPERATOR (fabric. plastics prod.; plastics mat.)
biscuit-machine operator
briquetting-machine operator
pelletizer
pellet-machine operator
pellet man
preform-machine operator
tablet-machine operator
Rotary Preformer (fabric. plastics prod.; plastics mat.)
Single-Stroke Preformer (fabric. plastics prod.; plastics mat.)
RECORD-PRESS TENDER (phonograph)
press operator
SLUG-PRESS OPERATOR (elec. equip.)
STAMPER (insecticides)
press operator
stamp-press operator
VACUUM PLASTIC-FORMING-MACHINE OPERATOR (fabric. plastics prod.)
molder, vacuum

556.886 ARCH - CUSHION - PRESS LOADER - AND - UNLOADER (rubber goods)
CELL STRIPPER (plastics mat.)
mold stripper
stripper, preliminary
MOLD STRIPPER (rubber goods)
PADDED-PRODUCTS CUREMAN (rubber goods)
mold loader
unloader
STRIPPER (rubber goods)
Stripper, Latex (rubber goods)
Stripper, Soft Plastic (rubber goods)
SUPPOSITORY-MOLDING-MACHINE OPERATOR (drug. prep. & rel. prod.)

556.886 Con. WEATHERSTRIP-TAKE-OFF MAN (rubber goods)
windlace taker-off and packer

556.887 BOWLING - BALL - MOLD ASSEMBLER (sports equip.)
BREAKOUT MAN (rubber goods)
CASTER (rubber goods)
Caster, Latex (rubber goods)
Caster, Soft Plastic (rubber goods)
CELL PREPARER (plastics mat.)
FOAM-RUBBER TRIMMER (rubber goods)
trimmer
MOLD CLEANER (rubber goods)
MOLDER, TOILET PRODUCTS (drug. prep. & rel. prod.)
moldman, hand
Lipstick Molder (drug. prep. & rel. prod.)
Suppository Molder (drug. prep. & rel. prod.)
MOLD PARTER (plastics mat.)
cell stripper, final
parter
POUR MAN (rubber goods) I
WATCHCASE - VULCANIZER - TENDER HELPER (rubber tire & tube)
pressman helper

557. Extruding Occupations

This group includes occupations concerned with forcing or pulling materials through dies or similar small openings to form a variety of objects, such as plastic rods, tubing, and synthetic fibers.

557.684 CORRECTION MAN (synthetic fibers) I
bath mixer
bath-solution maker
coagulating-bath mixer
Acid-Correction Man (synthetic fibers)

557.782 EXTRUDER OPERATOR (fabric. plastics prod.; plastics mat.)
stuffer, vertical hydraulic
tuber operator
EXTRUSION-PRESS-SET-UP MAN (elec. equip.)
GRAINING-PRESS OPERATOR (explosives)
finishing-powder-press operator
macaroni-press operator
powder-press operator
WINK-CUTTER OPERATOR (rubber goods)

557.884 EXTRUDER-OPERATOR HELPER (fabric. plastics prod.; plastics mat.)
Regrinder (fabric. plastics prod.; plastics mat.)
Scrap-Salvage Man (fabric. plastics prod.; plastics mat.)
JET MAN (synthetic fibers)
jet handler
spinneret cleaner
JET WIPER (synthetic fibers)
PUMP TESTER (synthetic fibers)

557.885 CORE EXTRUDER (elec. equip.)
CUTTERMAN (synthetic fibers)
staple cutter
NOZZLEMAN (rubber goods)
SPINNER (synthetic fibers)
spinning operator
Funnel Setter (synthetic fibers)
Spinner, Box (synthetic fibers)
Spinner, Continuous (synthetic fibers)
PROCESS MAN (synthetic fibers)
side man
SECOND-FLOOR OPERATOR (synthetic fibers)
SPINNING-MACHINE OPERATOR (synthetic fibers)
SPINNING-BATH PATROLMAN (synthetic fibers)
coagulating-bath man
Acid Patrolman (synthetic fibers)
TUBE-BUILDING-MACHINE OPERATOR (rubber goods)

558. Reacting Occupations, n.e.c.

This group includes occupations, not elsewhere classified, concerned with producing a chemical change in components.

558.130 INGOT-PROCESSING FOREMAN (electronics)
supervisor, materials group
supervisor, metallurgy

558.131 GAS CHIEF (comp. & liquefied gases)
gas-plant foreman

558.132 FOREMAN, CHEMICAL (plastics mat.)
FOREMAN, SULFURIC-ACID PLANT (chem.)
sulfuric-acid plant foreman
SULFURIC-ACID PLANT (chem.)
sulfuric-acid plant foreman

558.137 FOREMAN, BRINE (chem.)
FOREMAN, CELL EFFICIENCY (chem.)
FOREMAN, CELL ROOM (chem.)
FOREMAN, HYDROCHLORIC AREA (chem.)
hydrochloric-manufacturing foreman

558.280 CHIEF OPERATOR (chem.)
boardman
Chief Operator, Ammonium Sulfate (chem.)
CHIEF OPERATOR, PURIFICATION AND REACTION (chem.)
CHIEF OPERATOR, REFORMER (chem.)
CHIEF OPERATOR, SYNTHESIS (chem.)

558.782 ACID EXTRACTOR (coke prod.)
washerman
BURNER OPERATOR (chem.)
ammonia operator
CATALYTIC-CONVERTER OPERATOR (chem.)
catalytic-case operator
Acetaldehyde-Converter Operator (chem.)
Butadiene-Converter Operator (chem.)
Dehydrogenation-Converter Operator (chem.)
Ethylbenzene-Converter Operator (chem.)
Ethylbenzene Hydrogenator (chem.)
Ethylbenzene Oxidizer (chem.)
Ethylene-Plant Operator (chem.)
HYDROREACTION OPERATOR (chem.)
Hydroformer Operator (chem.)
OXIDATION OPERATOR (chem.; explosives)
nitric-acid concentrator operator
weak-nitric operator
SYNTHESIS OPERATOR (chem.)
operator first, synthesis
CAUSTICISER (paper & pulp)
caustic-liquor maker
CAUSTICISER MAN (chem.)
reactor operator
CD-REACTOR OPERATOR, HEAD (chem.)
CELL TENDER (chem.)
cell attendant
cellman
gasman
unit tender
Chlorine-Gas Man (chem.)
Hydrogen Man (chem.)
CHLORINATOR OPERATOR (chem.)
Sulfur-Chloride Operator (chem.)
BLEACH CHLORINATOR (chem.)
CONVERTER OPERATOR (comp. & liquefied gases)
CRACKING-UNIT OPERATOR (plastics mat.)
recovery-unit operator
CUPROUS-CHLORIDE OPERATOR (chem.)
catalyst-manufacturing operator
DISSOLVER OPERATOR (chem.) I
Bottom-Liquor Man (chem.)
Precipitator Operator (chem.)
FERMENTATION OPERATOR (chem.)
biological-plant operator
FURNACE OPERATOR (chem.)
KETTLEMAN (chem.)
High-Pressure-Kettle Operator (chem.)
Low-Pressure-Kettle Operator (chem.)
KETTLE OPERATOR (plastics mat.) I
reactor-kettle operator
POLYMERIZATION-KETTLE OPERATOR (plastics mat.)
kettle operator
resin maker
sirup-kettle operator
synthetic-resin operator
SATURATOR MAN (chem.; coke prod.)
ammonium-sulfate operator
sulfate operator
TOWERMAN (chem.)
soda-column operator
WET-MIX OPERATOR (chem.)

558.884 CELL-EFFICIENCY MAN (chem.)
anode adjuster
cell tester

558.885 ACID-PLANT HELPER (chem.)
ACID-POLYMERIZATION OPERATOR (chem.)
BALL-MILL OPERATOR (coal tar prod.)
BLEACHER OPERATOR (chem.; soap)
c. p. bleacher operator
CATALYTIC-CONVERTER-OPERATOR HELPER (chem.)
Butadiene-Converter Helper (chem.)
Dehydrogenation-Converter Helper (chem.)
Ethylbenzene-Converter Helper (chem.)
Ethylene-Plant Helper (chem.)
CAUSTIC OPERATOR (paper & pulp)
CD-REACTOR OPERATOR (chem.)
CELL-TENDER HELPER (chem.)
cell-attendant helper
Rubberman (chem.)
CHAMBERMAN (chem.: fertilizer)
chamber walker
CHEMICAL OPERATOR (chem.) II
reactor operator
Emulsification Operator (oils & fats)
Low-Chloride Soda Operator (chem.)
Precipitation Man (chem.)
Salt-Plant Operator (chem.)
Sodium-Methylate Operator (chem.)
Styrene-Dehydration-Reactor Operator (chem.)
Tower Operator (chem.) II
ABSORBER OUTSIDE HELPER (chem.)
ALKYLATION TOWERMAN (chem.; petrol. refin.)
CHEMICAL WORKER (ammunition)
explosives mixer
COLD-ACID-UNIT OUTSIDE HELPER (chem.)
PHOSPHORIC-ACID OPERATOR (chem.)
REFORMER OPERATOR (chem.)
operator second, reformer
SECOND-CLASS OPERATOR (chem.)
SECOND OPERATOR, AMMONIUM SULFATE (chem.)
SOLVENT-REMOVAL OPERATOR (chem.)
CONTACT-ACID-PLANT OPERATOR (chem.; fertilizer)
regeneration operator
sulfuric-acid-plant operator
CUPROUS-CHLORIDE HELPER (chem.)
DEVULCANIZER TENDER (rubber reclaim.)
chargeman
devulcanizer operator
digester charger
digester man
ELECTRIC-CELL MAN (chem.)
cellman
ION-EXCHANGE OPERATOR (glue)
ION-EXCHANGE OPERATOR (ore dress., smelt., & refin.)
KETTLEMAN, LEAD (chem.)
lead-nitrate processor
lead-shop operator
MVA-REACTOR OPERATOR (chem.)
NEUTRALIZER (soap)
NITRATOR OPERATOR (explosives; plastics mat.)
dipper
NITROGLYCERIN NEUTRALIZER (explosives)
neutralizer
POLYMERIZATION HELPER (plastics mat.)
POLYMERIZATION-OVEN OPERATOR (plastics mat.)
oven attendant
POLYSULFIDE-REACTOR OPERATOR (chem.)
sodium-polysulfide operator
sulfur handler
thionation operator
RECOVERY OPERATOR (explosives)
denitrator operator
RECOVERY OPERATOR (plastics mat.)
RED-LEAD BURNER (paint & varn.)
oxide-furnace man
TOWER HELPER (chem.)
TWITCHELL OPERATOR (chem.)

558.886 BLEACH PACKER (chem.)
charger

558.886 Con. DEVULCANIZER CHARGER (rubber reclaim.)
weigh and charge man
FURNACE HELPER (chem.)
RING-ROLLING-MACHINE-OPERATOR HELPER (rubber goods)

559. Occupations in Processing of Chemicals, Plastics, Synthetics, Rubber, Paint, and Related Products, n.e.c.

This group includes occupations, not elsewhere classified, concerned with processing chemicals, plastics, synthetics, rubber, paint, and related products.

559.130 CALENDAR FOREMAN (plastics mat.)
mill leadman
CHEMICAL PROCESSING FOREMAN (drug. prep. & rel. prod.)
synthetic department foreman
FINISHING-AREA SUPERVISOR (plastics mat.)
Coagulating-Drying Foreman (plastics mat.)
PELLET-PROCESSING SUPERVISOR (electronics)
supervisor, pellet processing
PROCESS FOREMAN (plastics mat.)
kettle operator, head
mill operator, head
poly-area foreman
process-area supervisor
Drier Operator, Head (plastics mat.)
Monomer-Recovery Foreman (plastics mat.)
Polymerization Foreman (plastics mat.)

559.131 ACID-LINE FOREMAN (explosives)
acid supervisor
FOREMAN (coal tar prod.)
Foreman, Color Making (coal tar prod.)
Foreman, Flushing (coal tar prod.)
Foreman, Intermediates (coal tar prod.)
NITROGLYCERINE FOREMAN (explosives)
PHARMACEUTICAL COMPOUNDING SUPERVISOR (drug. prep. & rel. prod.)
TNT-LINE FOREMAN (explosives)

559.132 CATALYST OPERATOR, CHIEF (chem.)
catalyst-plant foreman
FOREMAN, ALUM PLANT (chem.)
alum-plant foreman
FOREMAN, BONE PLANT (bone, carbon, & lampblack)
bone-plant foreman
FOREMAN, CD-AREA (chem.)
CD-manufacturing foreman
FOREMAN, DEHYDROGENATION (chem.; petrol. refin.)
catalyst foreman
dehydrogenation operator, head
Butadiene Operator, Chief (chem.; petrol. refin.)
Ethylbenzene-Cracking Foreman (chem.; petrol. refin.)
Isobutylene Operator, Chief (chem.)
Styrene Operator, Chief (chem.; petrol. refin.)
FOREMAN, FURNACE PROCESS (bone, carbon, & lampblack)
FOREMAN, HAND SILVERING (mirror)
FOREMAN, LIQUEFACTION (comp. & liquefied gases)
Foreman, Chlorine Liquification (comp. & liquefied gases)
FOREMAN, PAINT (paint & varn.)
department supervisor
Foreman, Grinding (paint & varn.)
Foreman, Mixing (paint & varn.)
Foreman, Thinning-Tinting (paint & varn.)
FOREMAN, PHOSPHORUS PROCESSING (chem.)
FOREMAN, PIGMENT MAKING (chem.)
supervisor, color making
Color-Control Foreman (chem.)
Color-Making Foreman (chem.)
Drying-Room Foreman (chem.)
Filter-Press Foreman (chem.)
Grinding-Room Foreman (chem.)
FOREMAN, RECORD PRESS (phonograph)
FOREMAN, RED-LEAD-AND-LITHARGE (paint & varn.)
furnace-room foreman
litharge-and-red-lead foreman
red-lead-and-litharge foreman

559.132 Con.
FOREMAN, REFINING (salt production)
refining foreman
FOREMAN, TOILET-AND-LAUNDRY SOAP (soap)
FOREMAN, VARNISH (paint & varn.)
tankroom foreman
FOREMAN, VAT HOUSE (glue)
FOREMAN, WHITE LEAD (paint & varn.)
white-lead-department foreman
HEAD OPERATOR, SULFIDE (chem.)
HEATING-AND-BLENDING FOREMAN (clean. & polish. prod.)
mixing-and-dispensing foreman
MILL FOREMAN (graphite)
PRODUCTION FOREMAN, ANHYDROUS AMMONIA (chem.)
PRODUCTION FOREMAN, DEFLUORINATED PHOSPHATE (chem.)
RETREAD FOREMAN (auto. mfg.)
TRANSFER-AND-PUMPHOUSE OPERATOR, CHIEF (chem.)
pumphouse operator, chief
terminal supervisor

559.137
FOREMAN, BLEACH (chem.)
FOREMAN, COOK HOUSE (glue)
FOREMAN, DRY-PASTE (glue)
FOREMAN, EVAPORATOR (chem.)
FOREMAN, GELATIN PLANT (glue)
FOREMAN, GLUE SPECIALTY (glue)
FOREMAN, PUTTY AND CALKING (paint & varn.)
FOREMAN, TANK CLEANING (paint & varn.)

559.138
CD-STORAGE-AND-MATERIALS-MAKE-UP OPERATOR, HEAD (chem.)
Emulsion Operator, First (chem.)
FOREMAN (fertilizer)
FOREMAN (rubber goods)
Curing Foreman (rubber goods)
Finishing Foreman (rubber goods)
Millroom Foreman (rubber goods)
Rubber-Compounder Foreman (rubber goods)
Stock-Preparation Foreman (rubber goods)
FOREMAN (rubber reclaim).
devulcanizer, head
final-inspection foreman
hog-room supervisor
shipping-room supervisor
Devulcanizer Inspector (rubber reclaim.)
Final-Inspection Supervisor (rubber reclaim.)
Grinding-Room Inspector (rubber reclaim.)
Millroom Foreman (rubber reclaim.)
Rubber-Compounder Foreman (rubber reclaim.)
FOREMAN, CHANNEL PROCESS (bone, carbon, & lampblack)
FOREMAN, ROCKET PROPELLANT PLANT (ordnance)
SALVAGE SUPERVISOR (paint & varn.)

559.380
CHEMICAL-PROCESS OPERATOR (chem.)

559.381
CHECKER (explosives)
nitrator checker
COMPOUNDER, FRAGRANCES AND FLAVORINGS (chem.)
INSPECTOR (fabric. plastics prod.; plastics mat.)
customer-return inspector
process inspector
RUBBER TESTER (rubber goods)

559.384
FURNACE-STOCK INSPECTOR (elec. equip.)
baked-and-graphite inspector
INSPECTOR, SPONGE PRESS (rubber goods)
REINSPECTOR, SPONGE RUBBER (rubber goods)

559.387
INSPECTOR (ammunition) IV

559.485
ADHESION TESTER (rubber goods)

559.487
TEMPERATURE-CONTROL MAN (synthetic fibers)
patrolman

559.587
QUALITY-CONTROL TESTER (plastics mat.)
SLAB INSPECTOR (rubber reclaim.)
reclaim-slab inspector
reclaim sorter
Final Inspector (rubber reclaim.)

559.587 Con.
VARNISH INSPECTOR (paint & varn.)
base-varnish inspector
solids inspector
varnish classifier

559.687
AMPOULE EXAMINER (drug. prep. & rel. prod.)
GUM GRADER (turp. & rosin)
TABLET TESTER (drug. prep. & rel. prod.)
TUBE SORTER (rubber reclaim.)
tube depatcher

559.780
PLATE CHANGER (phonograph)
plate setter

559.782
ACID MAKER (paper & pulp)
ALUM-PLANT OPERATOR (chem.)
alum mixer
CARBON-DIOXIDE OPERATOR (comp. & liquefied gases) I
CASTING-AND-CURING OPERATOR (chem.)
CATALYST OPERATOR, GASOLINE (chem.; petrol. refin.)
CHEMICAL COMPOUNDER (coal tar prod.)
Bromination Man (coal tar prod.)
Kettle Operator (coal tar prod.)
Optical-Brightener Maker (coal tar prod.)
Sulfonation Man (coal tar prod.)
Tub Operator (coal tar prod.)
CHEMICAL OPERATOR (chem.) III
reactor operator
Caustic-Purification Operator (chem.)
Gas-Generator Operator (chem.)
Ethylene-Oxide Panelboard Operator (chem.)
Sodium-Chlorite Operator (chem.)
ACID-PLANT OPERATOR (chem.)
ALKYLATION OPERATOR (chem.; petrol. refin.)
CALCINER OPERATOR (chem.) I
CHEMICAL-PLANT OPERATOR (chem.)
CRESYLATE OPERATOR (chem.) II
ISOBUTYLENE-EXTRACTION OPERATOR (chem.)
LANOLIN-PLANT OPERATOR (drug. prep. & rel. prod.)
OPERATOR, GAS ODORANTS (chem.)
operator, first
POLYMER OPERATOR (synthetic fibers)
c-p operator
copolymer operator
SULFIDE OPERATOR (chem.)
SULFONATOR (tan. mat. & rel. prod.)
COAGULATION OPERATOR (plastics mat.)
flocculator operator
COMPOSITION-ROLL MAKER AND CUTTER (rubber goods)
DRIER OPERATOR (plastics mat.) I
roper operator
FILM-CASTING OPERATOR (plastics mat.)
caster
FILTERMAN (plastics mat.; synthetic fibers)
ripening-room floorman
Viscose-Cellar Man (synthetic fibers)
FINISHING-AREA OPERATOR (plastics mat.)
FINISHING-MILL OPERATOR (plastics mat.)
rubber-mill operator
FLUSHER (coal tar prod.)
GLUE MAKER, BONE (glue)
tanker man
tankman
GRANULATOR-MACHINE OPERATOR (drug. prep. & rel. prod.)
granulator
utility man
wet-mix operator
HYDROGEN-GENERATOR OPERATOR (comp. & liquefied gases)
gas worker
HYDROGEN OPERATOR (comp. & liquefied gases)
LACQUER MAN (paint & varn.)
lacquer maker
lacquer mixer
millman
LATEX-RIBBON-MACHINE OPERATOR (rubber goods)
Latex-Thread-Machine Operator (rubber goods)
Thread-Machine Operator (rubber goods)

559.782 Con.
LINSEED-OIL REFINER (oils & fats)
refinery operator
LIQUEFACTION-PLANT OPERATOR (comp. & liquefied gases)
chlorine operator
chlorine-plant operator
liquefier
liquid-chlorine operator
Compressor Operator (comp. & liquefied gases)
Refrigeration Operator (comp. & liquefied gases)
MAKE-UP MAN (chem.)
materials-make-up man
materials-storage-and-make-up man
solution-make-up man
Chlorobutadiene-Scrubber Operator (chem.)
Emulsion Operator (chem.)
Persulfate-Make-Up Operator (chem.)
MVA-REACTOR OPERATOR, HEAD (chem.)
NAPTHA-WASHING-SYSTEM OPERATOR (plastics mat.)
NITROGEN OPERATOR (comp. & liquefied gases)
PHARMACEUTICAL OPERATOR, SENIOR (drug. prep. & rel. prod.)
laboratory technician
Liquid Compounder (drug. prep. & rel. prod.)
PILOT-CONTROL OPERATOR (chem.; plastics mat.)
fine-chemicals operator
laboratory technician
pilot-plant technician
process operator
research-manufacturing operator
PILOT OPERATOR (plastics mat.)
PLANT OPERATOR, FURNACE PROCESS (bone, carbon, & lampblack)
PUTTY TINTER-MAKER (paint & varn.)
ROLL TENDER (glue)
RUBBER-MILL OPERATOR (plastics mat.) I
SHREDDING FLOORMAN (plastics mat.)
SOAP MAKER (soap)
soap boiler
SODA-ROOM MAN (malt liquors)
SPECIALTIES OPERATOR (chem.)
SPONGE-PRESS OPERATOR (rubber goods)
Rug-Underlay-Machine Operator (rubber goods)
STERILE-PRODUCTS PROCESSOR (drug. prep. & rel. prod.)
compounder, sterile products
PHARMACEUTICAL OPERATOR, SERVICE (drug. prep. & rel. prod.)
STILLMAN, AMMONIA (coke prod.)
ammonia stillman
pump-and-still operator
stillman, byproducts
STRETCH-MACHINE OPERATOR (fabric. plastics prod.)
STRONG-NITRIC OPERATOR (explosives)
nitric-acid-concentrator operator
t. c. operator
TOWERMAN (soap)
UTILITY OPERATOR (chem.)
Benzene-Still Utility Operator (chem.)
Butadiene-Converter Utility Operator (chem.)
Dehydrogenation-Converter Utility Operator (chem.)
Ethylbenzene-Compressor-Utility Operator (chem.)
Styrene-Continuous-Still-Utility Operator (chem.)
WASH OPERATOR (bone, carbon, & lampblack)
WASTE-TREATMENT OPERATOR (chem.)

559.884
GRAINING-ROLLER MAKER (furn.)
ISOFORM MIXER (aircraft mfg.)
NITROGLYCERIN DISTRIBUTOR (explosives)
PELLET-PREPARATION OPERATOR (electronics)
PILOT-CONTROL-OPERATOR HELPER (chem.)
pilot-plant-operator helper
ROLL-TENSION TESTER (plastics mat.)
pull-out operator
RUBBER MOLD MAKER (jewelry).
mold maker

559.884 TANK CLEANER (paint & varn.)
Con. chipper
559.885 ACID BOTTLER (elec. equip.)
acid-bottling-machine operator
ACID PURIFIER (coal tar prod.)
Phthalic-Acid Purifier (coal tar prod.)
ALKALI WORKER (soap)
soda boiler and pumper
ALUMINUM-HYDROXIDE-PROCESS OPERATOR (chem.; drug. prep. & rel. prod.)
AMMONIUM-NITRATE CRYSTALLIZER (explosives)
AMPOULE FILLER (drug. prep. & rel. prod.)
ampoule filler and sealer
AMPOULE-WASHING-MACHINE OPERATOR (drug. prep. & rel. prod.)
washing-machine operator
BEATER (plastics mat.)
BONE-PROCESS OPERATOR (bone, carbon, & lampblack)
BRINE-WELL OPERATOR (chem.)
pumpman, brine well
BRIQUETTER OPERATOR (chem.)
CD-STORAGE-AND-MATERIALS MAKE-UP HELPER (chem.)
COMPRESSOR OPERATOR (salt production)
blockman
block-press operator
CRYSTALLIZER OPERATOR (chem.)
CYLINDER FILLER (comp. & liquefied gases)
charging man
charging operator
cylinder loader
drum filler
drum man
filler
gas worker
manifold operator
oxygen-cylinder-charge man
pumper
Ton-Container Filler (comp. & liquefied gases)
Tube-Trailer Filler (comp. & liquefied gases)
DESMA LASTER (rubber goods)
string laster
DIGESTER OPERATOR (fertilizer)
DOPE-DRY-HOUSE OPERATOR (explosives)
dope-house-operator helper
dry-house operator
Soda-Dry-House Operator (explosives)
DRIER-AND-PULVERIZER TENDER (chem.)
"a" mill operator
pulverizer and drier tender
DRIER FEEDER (rubber reclaim.)
washerman
DRY-END OPERATOR (plastics mat.)
DRY-HOUSE MAN (ammunition)
DUSTING-AND-BRUSHING-MACHINE OPERATOR (rubber goods)
brushing-and-dusting-machine operator
EFFERVESCENT-SALTS COMPOUNDER (drug. prep. & rel. prod.)
process operator
ELECTRODE-CLEANING-MACHINE OPERATOR (elec. equip.)
EXTRACTOR-PLANT OPERATOR (bone, carbon, & lampblack; grease & tallow)
FABRIC NORMALIZER (rubber goods)
normalizing-equipment tender
FERMENTER OPERATOR (drug. prep. & rel. prod.)
FISH-FERTILIZER OPERATOR (fertilizer)
Drier-and-Grinder Man (fertilizer)
Press-and-Drier Man (fertilizer)
FLAKER OPERATOR (chem.; coal tar prod.; ore dress., smelt., & refin.)
drier-and-evaporator operator
finishing-pan operator
flaking-machine operator
pan operator
Pitch Flaker (coal tar prod.)
Potash Flaker (chem.)
Soda Flaker (chem.)
FOAM-MACHINE OPERATOR (fabric. plastics prod.; plastics mat.)
FORMING-MACHINE OPERATOR (needle, pin, & rel. prod.)

559.885 FORMULA WEIGHER (pen & pencil)
Con. FOURDRINIER OPERATOR (plastics mat.)
filtration-machine tender
filtration operator
FRAME STRIPPER (soap)
FREEZING-MACHINE OPERATOR (drug. prep. & rel. prod.)
shell-freezing-machine operator
FUSE MAKER (fireworks)
GLUE-MILL OPERATOR (glue)
paste-mill operator
GOLF-BALL-COVER TREATER (sports equip.)
cover treater
GREASE-AND-TALLOW PUMPMAN (grease & tallow)
HYDRATOR OPERATOR (chem.; lime; mining & quarrying)
IMPREGNATOR OPERATOR (chem.)
catalys impregnator
KETTLEMAN, GUM MIXING (textile)
gum mixer
kettle hand
starch cooker
LABORER, GENERAL (paint & varn.)
Black-Ash Man (paint & varn.)
Equipment Cleaner (paint & varn.)
Strainer (paint & varn.)
LATEX SPOOLER (rubber goods)
spooler, rubber strand
LIME-KILN OPERATOR (paper & pulp)
lime slaker
LINSEED-OIL-PRESS MAN (oils & fats; paint & varn.)
linseed-oil-mill man
MIXER (clean. & polish. prod.)
NOODLE MAN (chem.)
OPENER (rubber goods) I
POWDER-CUTTING OPERATOR (explosives)
cutterman
PRESSER (soap)
cutter and pressman
soap-press feeder
PRESSMAN (rubber goods; rubber tire & tube)
forming-press operator
hydraulic-steam-press operator
molding-press operator
Gasket Molder (rubber goods)
Golf Ball Molder (sports equip.)
Heel Molder (rubber goods)
Outsole Molder (rubber goods)
Rubber-Heel-and-Sole Pressman (rubber goods)
PRESS OPERATOR (comp. & liquified gases)
carbon-dioxide operator
PRESS OPERATOR (rubber reclaim.)
washing-machine operator
PRESSROOM WORKER, FAT (grease & tallow)
filter-press pumpman
refiner bleacher
REBRANDER (rubber goods) I
REFINING-MACHINE OPERATOR (oils & fats; soap)
Sharples-Machine Operator (oils & fats; soap)
RESTRICTIVE-PREPARATION OPERATOR (ordnance)
ROLLER-MILL TENDER (drug. prep. & rel. prod.)
RUBBER CUTTER (rubber goods; rubber tire & tube)
RUBBER-GOODS HELPER (rubber goods)
SCREENER-PERFUMER (soap)
SPLASH-LINE OPERATOR (linoleum)
marbleizing-machine tender
SPREADING-MACHINE OPERATOR (glue)
fanman and machine operator
STERILIZER (drug. prep. & rel. prod.; medical ser.; surgical appl.)
autoclave operator
TANK-FARM ATTENDANT (chem.)
transfer-and-pumphouse operator
TANKROOM MAN (synthetic fibers) II
ripening-room hand
spin-tank man
Ripening-Room Operator (synthetic fibers)
TIRE RECAPPER (auto. ser.)
VACUUM-MIXING-MACHINE OPERATOR (plastics mat.)

559.885 VACUUM-PAN OPERATOR (salt production)
Con. VAPORIZER (plastics mat.)
vaporizer operator
WASHER AND DRIER (plastics mat.)
drier and washer
WASH HELPER (bone, carbon, & lampblack)
GRANULAR HELPER (bone, carbon, & lampblack)
WASH-HOUSE MAN (explosives)
WASH-MILL OPERATOR (glue)
acid man
WET-END OPERATOR (plastics mat.) I
WET-END OPERATOR (plastics mat.) II
coagulator
WRAPPER REWINDER (rubber goods)
559.886 CATALYST-OPERATOR HELPER, GASOLINE (chem.; petrol. refin.)
COMPOUND WORKER (phonograph)
Breaker Tableman (phonograph)
Grinder (phonograph)
Rollerman (phonograph)
Weigh-Up Man (phonograph)
DYNAMITE-PACKING-MACHINE FEEDER (explosives)
powder shoveler
HOSE-TUBING BACKER (rubber goods)
rubber-tubing backer
tube backer
LABORER (drug. prep. & rel. prod.)
batcher
LABORER, VAT HOUSE (glue)
OVEN UNLOADER (rubber goods)
PLANISHING-PRESS-OPERATOR HELPER (plastics mat.)
auma helper
plastics-sheet-finishing-press-operator helper
sheet-combining-operator helper
REROLL MAN (rubber goods)
SKIN-FORMER HELPER (rubber goods)
SLABBER (soap)
cutter, first
cutting-table operator, first
slabbing-machine operator
soap slabber
Slabber, Light (soap)
TESTING-MACHINE FEEDER (rubber goods)
TIRE LAYER AND EXTRACTOR (rubber tire & tube)
pot-heater man
TIRE-TRIMMING-MACHINE FEEDER (rubber tire & tube)
TOWERMAN (paper & pulp)
limerock man
559.887 AMPOULE SEALER (drug. prep. & rel. prod.)
BOOKER (rubber goods; rubber tire & tube)
CAKE WRAPPER (synthetic fibers)
CELL CLEANER (chem.)
Cathode Washer (chem.)
CONTACT-ACID-PLANT-OPERATOR HELPER (chem.; fertilizer)
COTTON WASHER (synthetic fibers)
cotton cleaner
Cotton-Wringer (synthetic fibers)
COTTON-WEIGHER OPERATOR (explosives)
conveyor-weigher operator
DOTTER (rubber goods)
EGG PROCESSOR (drug. prep. & rel. prod.)
harvester
FILTER CLEANER (plastics mat.; synthetic fibers)
clarifier
filter changer
filterer
FILTER WASHER (explosives)
strainer cleaner
FRAME STRIPPER (glue)
stripper
HOSE INFLATOR (rubber goods)
HOSE LOADER (rubber goods)
mandrel loader
HOSE STRIPPER (rubber goods)
LABORER, CHEMICAL PROCESSING (chem.)
drum carrier
scaleman

559.887 Con.
Carboy Filler (chem.)
Drum Filler (chem.)
Kettle-Room Man (chem.)
Shipping Man (chem.)
Wheeler (chem.)
LABORER, GENERAL (plastics mat.)
ROD-AND-TUBE STRAIGHTENER (plastics mat.)
tube-and-rod straightener
SAMPLER (chem.)
SIPHON OPERATOR (drug. prep. & rel. prod.; medical ser.)
laboratory assistant
pooling operator
SKEIN-WINDING OPERATOR (any ind.)
SPIKER (turp. & rosin; wood distil. & char.)
spikeman
TANK CLEANER (chem.; plastics mat.)
kettle chipper

56 **OCCUPATIONS IN PROCESSING OF WOOD AND WOOD PRODUCTS**

This division includes occupations concerned with producing wood conglomerates from stock, removing moisture, and treating wood with materials, such as preservatives and fire retardants.

560. **Mixing and Related Occupations**

This group includes occupations concerned with mingling wood in pulpy or pasty form to produce a consistent mass of compound for such purposes as making plywood.

560.885 CHIP-MIXING-MACHINE OPERATOR (particle board)
chip mixer
glue-mixer operator
glue-plant operator
MIXING-MACHINE TENDER (cork prod.)
cork mixer
Mixing-Machine Tender, Cork Gasket (cork prod.)
Mixing-Machine Tender, Cork Rod (cork prod.)
560.887 COMPOUNDER, CORK (cork prod.)
cork mixer

561. **Wood Preserving and Related Occupations**

This group includes occupations concerned with impregnating and covering wood and wood products with substances that prevent decay and rotting.

561.131 TREATING-PLANT SUPERVISOR (wood preserving)
561.687 POLE INSPECTOR (wood preserving)
561.782 INCISING-MACHINE OPERATOR (wood preserving)
perforating-machine operator
pole-incisor operator
timber-incisor operator
TREATING ENGINEER (wood preserving)
retort engineer
timber-treating-tank operator
treating-plant operator
561.885 TANKMAN (wood preserving)
dip tankman
platform man
scaffold man
TREATING-ENGINEER HELPER (wood preserving)
boring man
cylinder helper
doorman
561.886 LABORER, WOOD PRESERVING PLANT (wood preserving)
Adzing-and-Boring-Machine Helper (wood preserving)
Cross-Tie-Tram Loader (wood preserving)
Tie Handler (wood preserving)
Winchman (wood preserving)
561.887 WOOD-POLE TREATER (wood preserving)

562. **Saturating, Coating, and Related Occupations, n.e.c.**

This group includes occupations, not elsewhere classified, concerned with thoroughly soaking, filling, charging, or otherwise treating wood with a variety of substances to the point where no more can be taken up, or covering wood with another substance.

562.137 FOREMAN, PAINTING DEPARTMENT (pen & pencil)
562.687 WICKER SORTER (furn.)
562.782 WHITING-MACHINE OPERATOR (mirror & pic. frames)
562.885 BLEACHER (broom)
corn preparer
dyer, broomcorn
GLUE-SIZE-MACHINE OPERATOR (furn.)
IMPREGNATOR (pen & pencil)
impregnator operator
LOG COOKER (basketry; wood. box)
steam-vat tender
vatman
wood cooker
STEAM-BOX OPERATOR (woodworking)
retort operator
stave steamer
steam-box man
steam-tunnel feeder
562.886 STEAM-TUNNEL FEEDER (sawmill)
562.887 COATER, HAND (cork prod.)
cork coater
Graphite Coater (cork prod.)
Resin Coater (cork prod.)
DYER (shaped wood. art.)

563. **Drying, Seasoning, and Related Occupations**

This group includes occupations concerned with exposing to or treating wood with air, heat, a vacuum, or the like for such purposes as removing moisture, curing, and aging.

563.381 KILN OPERATOR (woodworking)
dry-kiln operator
kiln foreman
563.687 MOISTURE TESTER (woodworking)
563.782 DRIER OPERATOR (particle board)
563.885 CLOTHESPIN-DRIER OPERATOR (shaped wood art.)
DRY-HOUSE ATTENDANT (woodworking)
wood-stock-blank handler
GLUING-MACHINE OPERATOR (woodworking)
Panel-Flow-Machine Operator (woodworking)
Plycor Operator (woodworking)
GLUING-MACHINE OPERATOR, ELECTRONIC (woodworking)
electronic gluer
panel gluer
HOT-PLATE PLYWOOD-PRESS OPERATOR (veneer & plywood)
hot-plate-press operator
hot-press man
veneer-press operator
HYDRAULIC-PRESS OPERATOR (veneer & plywood)
cold-press operator
VENEER DRIER (veneer & plywood)
veneer-drier off-bearer operator
veneer-drier tailer
VENEER REDRIER (veneer & plywood)
platen-drier operator
563.887 ANTICHECKING-IRON MAN (wood preserving)
Beegle-Iron Man (wood preserving)
C-Iron Man (wood preserving)
S-Iron Man (wood preserving)

569. **Occupations in Processing of Wood and Wood Products, n.e.c.**

This group includes occupations, not elsewhere classified, concerned with processing wood and wood products.

569.130 GASKET FOREMAN (cork prod.)
569.687 PLUG SORTER (sawmill; woodworking)
ROSIN INSPECTOR (wood distil. & charc.)
SORTER (cork prod.) I
TREATING INSPECTOR (wood preserving)
VISUAL-AND-GAGE INSPECTOR (cork prod.)
plug inspector
569.782 MILLER, WOOD FLOUR (woodworking)
569.883 KILN-TRANSFER OPERATOR (woodworking)
transfer operator
569.885 BENDER (sports equip.)
BENDER, MACHINE (woodworking)
bending-press operator
BREAKER-MACHINE OPERATOR (cork prod.)
cork drier
cork grinder
cork screener
CORK MOLDER (cork prod.)
molding utility man
Mold Filler (cork prod.)
569.885 Con.
Mold Hoister (cork prod.)
Mold Sprayer (cork prod.)
EDGE GLUER (veneer & plywood)
edge-gluing-machine operator
splicer feeder
splicer operator
splicing-machine operator
tapeless-veneer splicer
veneer splicer
GLUE SPREADER, VENEER (veneer & plywood)
core feeder
glue-press-spreader operator
veneer-glue man
PRESTO-LOG OPERATOR (fuel briquettes; sawmill)
STACKER, MACHINE (woodworking)
lumber-piler operator
stacker
wood piler
Unstacker (woodworking)
VARNISHER (smoking pipe)
VENEER TAPER (veneer & plywood)
veneer joiner
veneer-taping-machine operator
569.886 CORK-PRESSING-MACHINE OPERATOR (cork prod.)
LABORER, HOT-PLATE VENEER PRESS (veneer & plywood)
Hot-Plate Veneer-Press Feeder (veneer & plywood)
Hot-Plate Veneer-Press Off-Bearer (veneer & plywood)
PAD-MACHINE FEEDER (excelsior)
569.887 BREAK-OFF MAN (veneer & plywood)
CAUL-BOARD CLEANER (veneer & plywood)
caul-board scraper
CHOPPER (wood distil. & charc.)
DISTRESSER (furn.)
marker
EJECTOR (cork prod.)
LOG WASHER (sawmill)
SCREEN CLEANER (wallboard)
WOOD HACKER (match; paper & pulp)
block chopper, hand
block hacker
spudder
wood barker

57 **OCCUPATIONS IN PROCESSING OF STONE, CLAY, GLASS, AND RELATED PRODUCTS**

This division includes occupations concerned with preparing for market raw materials, such as stone, clay, glass, and sand. Includes abrasive, asbestos, and miscellaneous nonmetallic mineral materials; forming such materials and adjuncts in their plastic or moldable states into stock shapes, parts, and other products; and impregnating, coating, heat treating, and thermal finishing such materials and formed products. Includes fiber glass.

570. **Crushing, Grinding, and Mixing Occupations**

This group includes occupations concerned with reducing materials to smaller particles by means of compression, cutting, smashing, and combining or mingling materials to produce a single, blended mass. Includes the stirring of molten glass.

570.130 FOREMAN, CLAY PREPARATION (pottery & porc.)
foreman, mud room
570.132 CONCRETE-BATCHING AND MIXING-PLANT FOREMAN (const.)
batch-plant foreman
MILLING FOREMAN (brick & tile)
WASHING-AND-SCREENING-PLANT FOREMAN (const.)
570.782 ABRASIVE GRADER (optical goods)
BULK-STATION OPERATOR (petrol. production)
CENTRAL-BATCH-PLANT OPERATOR (conc. prod.; const.)
batcherman
batching-and-mixing-plant operator
concrete batcherman
Control-Board Operator (conc. prod.; const.)

570.782 Con. CLAY MAKER (brick & tile; pottery & porc.)
blunger-machine operator
clay mixer
clay washer
slip maker
slip mixer
wet mixer
MILLMAN (brick & tile; pottery & porc.)
clay temperer
mud-mill man
Blender Operator (brick & tile)
Clay-Dry-Press-Mixer Operator (brick & tile)
Crusher Operator (brick & tile)
Mixer Operator (brick & tile)
Silica-Mixer Operator (brick & tile)
MIXER MAN, PLASTER (wallboard)
plaster mixer, machine
SUPPLY MAN (wallboard)
570.883 DRY-PAN CHARGER (brick & tile)
dry-pan feeder
SAND-CUTTER OPERATOR (found.)
sand-cutting-machine operator
sand-mixer operator
570.884 MIXER, DIAMOND POWDER (abrasive & polish. prod.)
570.885 ABRASIVE MIXER (abrasive & polish. prod.)
mixer operator
AUXILIARY-EQUIPMENT TENDER (cement)
boxman
cement mixer
slip mixer
slurry blender
slurry-tank tender
water tender
Kiln Feeder (cement)
Mixer Tender (cement)
CLAY MIXER (brick & tile)
CONCRETE-MIXER OPERATOR (conc. prod.; const.)
batching-and-mixing-plant operator
cement-mixer operator
central-mixer-plant operator
concrete batchman
concrete mixer
mixer
mixer man
mixer operator
mixer runner
mixing-machine operator
mixing man
CRUSHER OPERATOR (wallboard)
CULLET CRUSHER-AND-WASHER (glass mfg.)
cullet handler
Laborer, Yard Crew (glass mfg.)
DRY-PAN OPERATOR (brick & tile)
dry-mill man
GLAZE MAKER (brick & tile; pottery & porc.)
disintegrator man
frit maker
pulverizer
HAMMER-MILL OPERATOR (roof. materials)
LIME SLAKER (lime)
lime mixer
lime-plant operator
milk-of-lime slaker
slaker
MILLER (cement)
grinder operator
Ball-Mill Operator (cement)
Finish-Mill Operator (cement)
Hammer-Mill Operator (cement)
Pug-Mill Operator (cement)
Raw-Finish-Mill Operator (cement)
Rod-Mill Man (cement)
Tube-Mill Operator (cement)
Vertical-Mill Operator (cement)
MILLER (fertilizer)
MILLER (minerals & earths)
crusher, wet-ground mica
MIXER (asbestos prod.)
feeder
MIXER (glass mfg.)
batch mixer
batch-plant operator
mix-house operator
MIXER MAN, BOARD (wallboard)
MIXER OPERATOR (lime)

570.885 Con. MOLDING-MACHINE TENDER (pen & pencil)
mixing-and-molding-machine operator
MUD-MIXER OPERATOR (coke prod.; ore dress., smelt., & refin.)
mixer man
mixer operator
mud grinder
mud-mill man
mud-mill operator
Adobe-Ball Mixer (ore dress., smelt., & refin.)
Clay Mixer (coke prod.)
Wet-Pan Mixer (coke prod.; ore dress., smelt., & refin.)
PUG-MILL-OPERATOR HELPER (brick & tile; pottery & porc.)
pugger helper
REFRACTORY MIXER (iron & steel)
ROUGE MIXER (optical goods)
SAGGER PREPARER (pottery & porc.)
mixer
sagger soak
SILICA-SPRAY MIXER (ore dress., smelt., & refin.)
slurry-plant operator
SLATE MIXER (roof. materials)
blender man
570.886 ABRASIVE-GRADER HELPER (optical goods)
ABRASIVE-MIXER HELPER (abrasive & polish. prod.)
PREPARATION-ROOM WORKER (asbestos prod.)
beater
Blending-Machine Feeder (asbestos prod.)
Duster Feeder (asbestos prod.)
Hammer-Mill Feeder (asbestos prod.)
Picker Feeder (asbestos prod.)
Stock Mixer (asbestos prod.)
SKIP TENDER, CONCRETE MIXING OR BATCH PLANT (const.)
batch dumper
panman
skipman
570.887 BATCH MIXER (brick & tile)
clay puddler
mixer man

571. Separating Occupations

This group includes occupations concerned with separating desirable materials from others by means of filtering, sifting, straining, squeezing, centrifugal force, gravitation, precipitation, or agitating devices.

571.884 RIFTER (minerals & earths)
full trimmer
sheeter
571.885 BURNER MAN (minerals & earths)
CONCENTRATOR OPERATOR (abrasive & polish. prod.)
GLAZE HANDLER (brick & tile)

572. Melting Occupations

This group includes occupations concerned with subjecting materials to heat to change them from a solid to a liquid state.

572.380 FURNACE-COMBUSTION ANALYST (glass mfg.)
combustion analyst
572.782 BATCH-AND-FURNACE MAN (glass mfg.)
TANK-AND-BATCH OPERATOR (glass mfg.)
TANK-FURNACE OPERATOR (glass mfg.)
furnaceman
tankman
teaser
572.885 FURNACE TECHNICIAN (glass mfg.)
GLASS-FURNACE MAN (paint & varn.)
furnaceman
GLAZING-MACHINE OPERATOR (glass mfg.)
beveler
finisher
smoother
572.886 CUPOLA CHARGER, INSULATION (wallboard)

573. Baking, Drying, and Heat-Treating Occupations

This group includes occupations concerned with raising, lowering, or maintaining the temperature of materials to effect their physical composition and facilitate further processing. Includes such activities as firing terra cotta, treating formed glass with heat or cold to relieve or redistribute internal stresses and effect such characteristics as hardness and ductility, and removing liquid and moisture from materials.

573.132 BURNING FOREMAN (brick & tile)
brick burner, head
573.687 SORTER (brick & tile)
inspector
yard pipe grader
Brick Sorter (brick & tile)
Roofing-Tile Sorter (brick & tile)
Sewer-Pipe Sorter (brick & tile)
TILE SORTER (brick & tile)
glost tile sorter
573.782 DRYING-TUNNEL MAN (brick & tile)
drier operator
drying-room man
dry-kiln operator
FIREMAN, KILN (pottery & porc.)
kiln burner
kiln firer
kiln operator
DECORATING-KILN MAN (pottery & porc.)
fireman, decorating
FIREMAN, BISQUE KILN (pottery & porc.)
bisque kilnman
bisque-kiln operator
bisque-kiln tender
kiln firer
FIREMAN, GLOST KILN (pottery & porc.)
glost-kiln operator
FIREMAN, ROUND KILN (pottery & porc.)
FIREMAN, TUNNEL KILN (pottery & porc.)
KILN BURNER (brick & tile)
baker
burner
Brick-Kiln Burner (brick & tile)
Dry-Kiln Burner (brick & tile)
Field-Kiln Burner (brick & tile)
Retort Kilnman (brick & tile)
Roofing-Tile Burner (brick & tile)
LIME-KILN OPERATOR (lime)
kiln fireman
lime burner
Rotary-Kiln Operator (lime)
Vertical-Kiln Operator (lime)
ROTARY-KILN OPERATOR (cement; chem.)
burner man
calciner
drier operator
fireman, drier
kiln-burner man
roaster
TUNNEL-KILN OPERATOR (brick & tile)
Bisque-Tile Burner (brick & tile)
Glost-Tile Burner (brick & tile)
573.884 BAKER, BEADS (electronics)
KILN-DOOR BUILDER (brick & tile)
sealer and stripper
wicket man
SETTER (brick & tile)
kiln setter
kiln stacker
Head Setter (brick & tile)
573.885 CLAY ROASTER (petrol. refin.)
burner
burner man
burner operator
clay burner
earth burner
WEDGE-FURNACE KILNMAN (petrol. refin.)
CYLINDER MAN (brick & tile)
DRYING-MACHINE OPERATOR (pottery & porc.)
drier man
pot drier
KILNMAN (glass prod.)
annealer
firer
KILN-OPERATOR HELPER (lime)
kiln-fireman helper
LEHR TENDER (glass mfg.) I
lehr man
LEHR TENDER (glass mfg.) II
LENS HARDENER (optical goods)
OVEN TENDER (glass mfg.)
REGENERATOR OPERATOR (sugar)
Kieselguhr Regenerator Operator (sugar)

573.886 FUSING-FURNACE LOADER (optical goods)
furnace clerk
picker
GLASS-VIAL-BENDING-CONVEYOR FEEDER (cut. tools)
glass bender
HACKER (brick & tile)
KILN PLACER (pottery & porc.)
kiln setter
sagger filler
setter-in
Bisque-Kiln Placer (pottery & porc.)
Glost-Kiln Placer (pottery & porc.)

573.887 BEDDER (pottery & porc.)
claying-up man
sander-up
DRYING-TUNNEL-MAN HELPER (brick & tile)
FIREMAN HELPER, PERIODIC KILN (pottery & porc.)
fireman helper
Fireman Helper, Bisque Kiln (pottery & porc.)
Fireman Helper, Glost Kiln (pottery & porc.)
KILN-BURNER HELPER (brick & tile)
KILN CLEANER (lime)
KILN DRAWER (pottery & porc.)
round-kiln drawer
Bisque-Kiln Drawer (pottery & porc.)
Glost-Kiln Drawer (pottery & porc.)
Tunnel-Kiln Drawer (pottery & porc.)
KILN WORKER (pottery & porc.)
kiln maintenance laborer
SETTER HELPER (brick & tile)
kiln-setter helper

574. Impregnating, Coating, and Glazing Occupations

This group includes occupations concerned with impregnating, dip coating, brushing, spraying, rolling, or spreading materials with other substances. Includes uniting filaments of glass or mineral wool batts; solidifying asbestos fibers to form brake bands; and covering pottery with glazing sap.

574.130 GLAZE FOREMAN (brick & tile)
574.132 FOREMAN, SILVERING DEPARTMENT (mirror)
574.388 TILE SHADER (brick & tile)
glost-tile shader
shade classifier
tile classifier
574.782 ABRASIVE-COATING-MACHINE OPERATOR (abrasive & polish. prod.)
AUSTSCHUDER - MACHINE OPERATOR (glass prod.)
fiber-glass-machine operator
SET-UP MAN, BAKING-AND-COATING EQUIPMENT (electronics)
miscellaneous process attendant
SPRAY-MACHINE OPERATOR (pottery & proc.)
automatic sprayman
sprayer, automatic spray machine
574.884 GROUND LAYER (pottery & proc.)
duster
OPTICAL-GLASS SILVERER (optical goods)
silverer
SILVERER (mirror)
mirror silverer
574.885 DYED-YARN OPERATOR (glass mfg.)
FIBER GLASS-BONDING-MACHINE TENDER (glass mfg.)
bonded-strand operator
GASKET-COATER-AND-DRIER OPERATOR (pipe & boiler cov.)
MICA COATER (minerals & earths)
coater
PAPERHANGER (wallboard)
TOP-CAP-PROCESSING-EQUIPMENT OPERATOR (electronics)
phospher-application-machine attendant
slurry-machine attendant
WAX-MACHINE OPERATOR (glass mfg.)
574.886 SPRAY-MACHINE LOADER (pottery & proc.)
574.887 BINMAN (roof. materials)
dust-box man
SILVERER HELPER (mirror)

575. Forming Occupations

This group includes occupations concerned with shaping material by pouring, injecting, blowing, gathering, bending, or pressing it in, upon, or around a mold, die or similar device; forcing or pulling it through dies or rollers; drawing it from an emitting source at rates of speed and temperatures which determine its diameter. Includes baking, drying, and cooling of formed materials when done by the worker who formed them.

575.130 FOREMAN, BOTTLE MACHINES (glass mfg.)
FOREMAN, FORMING DEPARTMENT (glass mfg.)
PRESS FOREMAN (brick & tile)
575.131 BATCHER, PRECAST AND PRESTRESSED CONCRETE (conc. prod.)
FOREMAN, CONCRETE-STONE FABRICATING (conc. prod.)
casting foreman
575.137 FOREMAN, WET POUR (conc. prod.)
575.138 DRAWING-KILN FOREMAN (glass mfg.)
575.380 FORMING-MACHINE UPKEEP-MAN (glass. mfg.)
upkeep mechanic
575.381 LENS MOLDER (optical goods) II
molder
575.687 END FINDER, FORMING DEPARTMENT (glass mfg.)
forming-tube selector
MAT INSPECTOR (wallboard)
PRESS PIPE INSPECTOR (brick & tile)
green-pipe inspector
575.781 CONCRETE-STONE FABRICATOR (conc. prod.)
FOOT CASTER (glass mfg.)
GLASS BLOWER (glass mfg.)
blower
Bottle Blower (glass mfg.)
575.782 BOTTLE-MACHINE OPERATOR (glass mfg.) I
forming-machine operator
BRICK-AND-TILE-MAKING-MACHINE OPERATOR (brick & tile)
Auger-Press Operator (brick & tile)
Cutterman, Brick (brick & tile)
Cutterman, Tile (brick & tile)
Pug-Mill Operator (brick & tile; pottery & porc.)
DRAWING-KILN OPERATOR (glass mfg.)
drawing-machine operator
kiln operator
DRY-PRESS OPERATOR (brick & tile)
molder, machine
Clay-Dry-Press Operator (brick & tile)
Silica-Dry-Press Operator (brick & tile)
FIBER-GLASS-DOWEL-DRAWING-MACHINE OPERATOR (fabric. plastics prod.)
solid-glass-rod-dowel-machine operator
GLASS-ROLLING-MACHINE OPERATOR (glass mfg.)
MOLDING-MACHINE OPERATOR (sports equip.)
MOLD-PRESS OPERATOR, AUTOMATIC (glass mfg.)
press-machine operator
PRESSMAN (brick & tile) I
auger-press operator, manual control
Drain-Tile-Press Operator (brick & tile)
Flue-Tile-Press Operator (brick & tile)
Sewer-Pipe-Press Operator (brick & tile)
PRESSMAN (brick & tile) II
RAM-PRESS OPERATOR (pottery & proc.)
RETORT-OR-CONDENSER PRESSMAN (brick & tile)
YARDAGE CONTROLMAN (glass mfg.)
yardage-control operator, forming
575.883 BUCKET MAN (conc. prod.)
troughman
575.884 BATTER-OUT (pottery & porc.)
batter
batter-out, hand
CASTER (pottery & porc.)
pourer
CASTER (stat. & art goods) II
CROSS CUTTER, ROLLED GLASS (glass mfg.)
GATHERER (glass mfg.)
ball maker

575.884 Con. HANDLE MAKER (pottery & porc.)
LENS MOLDER (glass mfg.)
glass bender
MOLDER, HAND (brick & tile)
Adobe Maker (brick & tile)
Brick Molder, Hand (brick & tile)
Pipe-Fittings Molder (brick & tile)
Pot Maker (brick & tile)
Shape-Brick Molder (brick & tile)
Soft-Mud Molder (brick & tile)
Tile Molder, Hand (brick & tile)
MOLD MAKER, TERRA COTTA (brick & tile)
SANITARY-TUB MAKER (conc. prod.)
SPIN-CAST-PIPE MAN (conc. prod.)
centrifugal spinner
feeder operator
spinnerman, concrete pipe
TERRAZZO-TILE MAKER (brick & tile)
575.885 ABRASIVE-WHEEL MOLDER (abrasive & polish. prod.)
molder
pressman
Diamond-Wheel Molder (abrasive & polish. prod.)
Emery-Wheel Molder (abrasive & polish. prod.)
BLOCK-MAKING-MACHINE OPERATOR (conc. prod.)
block maker
off-bearer, automatic-block-making machine
BOTTLE-MACHINE OPERATOR (glass mfg.) II
bottle-blowing-machine operator
forming-machine operator
press-and-blow-machine operat or
CHALK-EXTRUDING-MACHINE OPERATOR (pen & pencil)
CHALK-MOLDING-MACHINE OPERATOR (pen & pencil)
Crayon-Molding-Machine Operator (pen & pencil)
CONCRETE-PIPE-MAKING-MACHINE OPERATOR (conc. prod.)
Drain-Tile-Machine Operator (conc. prod.)
Packerhead-Machine Operator (conc. prod.)
DIE PRESSER (pottery & proc.)
former
press operator
tube-machine operator
FIBER-MACHINE TENDER (glass mfg.)
forming operator
sliver former
sliver handler
Staple - Fiber - Machine Tender (glass mfg.)
FLOWER - POT - PRESS OPERATOR (pottery & proc.)
pot-press operator
GLASS BENDER (glass mfg.) II
HOT-PRESS OPERATOR (abrasive & polish. prod.)
HYDRAULIC-BILLET MAKER (pen & pencil)
HYDRAULIC-PRESS MAN (pen & pencil)
finish pressman
lead former
LENS MOLDER (optical goods) I
LEVERMAN (brick & tile)
cut-off man
die tripper
greaser
MARBLE-MACHINE OPERATOR (glass mfg.)
MOLDER, FIBER-GLASS LUGGAGE (leather prod.)
MORTAR-LINER MAN (conc. prod.)
lining-machine operator
PRESSER (glass mfg.)
PRESS OPERATOR (minerals & earths)
PUNCH-PRESS OPERATOR (glass mfg.)
fireman
molding-machine operator
power-punch operator
puncher
punch operator
SHOT-COAT MAN (conc. prod.)

575.885 Con. SLIVER-FORMING-AND-WINDING OPERATOR (glass mfg.)
forming operator
TEST-SKEIN WINDER (glass mfg.)
frickertron checker
SPEARMAN (asbestos prod.)
wet-machine operator
SYNTHETIC-GEM-PRESS OPERATOR (jewelry)
TURN-OUT BOY (glass mfg.) II
575.886 DRY-PRESS-OPERATOR HELPER (brick & tile)
Silica-Dry-Press Helper (brick & tile)
Clay-Dry-Press Helper (brick & tile)
MOLDER HELPER (optical goods)
feeder
PIN MAKER (pottery & porc.)
575.887 BALCONY MAN (glass mfg.)
platform man
FORMING-MACHINE-UPKEEP-MAN HELPER (glass mfg.)
shear boy
spare boy
LABORER, PRESTRESSED CONCRETE (conc. prod.)
MOLDER, BENCH (pipe & boiler cov.)
PIPE STRIPPER (conc. prod.)

579. Occupations in Processing of Stone, Clay, Glass, and Related Products, n.e.c.

This group includes occupations, not elsewhere classified, concerned with preparing for market such raw materials as stone, clay, glass, and sand.

579.130 FOREMAN, BOARD MILL (wallboard)
FOREMAN, FORMING DEPARTMENT (synthetic fibers)
579.131 FOREMAN, CONCRETE BLOCK PLANT (conc. prod.)
block-plant foreman
FOREMAN, MIRROR MANUFACTURING DEPARTMENT (mirror)
GLASS-CUT-OFF FOREMAN (glass mfg.)
579.132 FOREMAN, LIME (lime)
SUPERINTENDENT-OF-TANKS (glass mfg.; optical goods)
579.137 FOREMAN (cement)
579.138 FOREMAN, ASBESTOS TEXTILE (asbestos prod.)
Cardroom Supervisor (asbestos prod.)
FOREMAN, CONCRETE PIPE PLANT (conc. prod.)
pipe-plant foreman
FOREMAN, MOLD CLEANING AND STORAGE (glass mfg.)
FOREMAN, RECEIVING AND PROCESSING (glass mfg.)
MOLD-MAKING FOREMAN, PLASTICS SHEETS (plastics mat.)
cell-making foreman, plastics sheets
579.384 BRICK TESTER (brick & tile)
PRODUCT TESTER, FIBER GLASS (glass mfg.; wallboard)
roving technician
QUALITY TECHNICIAN (glass mfg.)
laboratory technician
WARE TESTER (glass mfg.)
quality-control man
Bottle Inspector (glass mfg.)
579.387 FLOOR INSPECTOR (glass mfg.)
glass-container inspector
inspector
MAT TESTER (wallboard)
QUALITY-CONTROL INSPECTOR (glass mfg.)
QUALITY-CONTROL TECHNICIAN (glass mfg.)
technician
579.585 SAMPLER-TESTER (asbestos prod.)
579.684 INSPECTOR (conc. prod.)
MICA TRIMMER (minerals & earths)
trimmer
579.687 GLASS INSPECTOR (any ind.)
MICA CLASSIFIER (minerals & earths)
qualifier
MICA PATCHER (minerals & earths)
SELECTOR (glass mfg.)
glass-products inspector
inspector, machine cut glass
inspector-packer, glass container
579.782 CALCINER, GYPSUM (wallboard)
CUPOLA OPERATOR, INSULATION (wallboard)
KNIFEMAN (wallboard)
MAT-MACHINE OPERATOR (wallboard)

579.782 Con. MIXER, WET POUR (conc. prod.)
mixer operator
SAND MIXER, MACHINE (found.)
sand-conditioner, machine
sand-control man
sand-mill operator
sand-system operator
Core-Sand Man (found.)
Facing-Sand Man (found.)
Molding-Sand Man (found.)
579.884 CLAY-STRUCTURE BUILDER AND SERVICER (glass mfg.)
clay-house worker
CONCRETE-VAULT MAKER (conc. prod.; mort. goods)
FIBER-GLASS-CONTAINER-WINDING OPERATOR (glass prod.)
KILN-FURNITURE CASTER (pottery & porc.)
579.885 BRAKE-LINING FINISHER, ASBESTOS (asbestos prod.)
impregnator operator
BULB CLEANER (electronics)
acid reclaimer
rewash-machine operator
washer
DRIER-AND-GRINDER TENDER (minerals & earths)
crusher, dry-ground mica
FLOOR WINDER (glass mfg.)
FRIT MIXER AND BURNER (brick & tile; pottery & porc.)
frit burner
GLASS-CLEANING-MACHINE TENDER (glass prod.)
GLASS-WOOL-BLANKET-MACHINE FEEDER (glass prod.)
INSULATION-MACHINE OPERATOR (pipe & boiler cov.)
pipe-covering builder
LABORER, CONCRETE-MIXING PLANT (const.)
concrete-mixer-operator helper
laborer, mixing plant
machine helper
mixer man
mixer-man helper
mixer tender
mixing-plant dumper-man
Aggregate-Conveyor Operator (const.)
Bag Shaker (const.)
Cement-Car Dumper (const.)
Cement-Conveyor Operator (const.)
Cement Handler (const.)
Cement-Sack Breaker (const.)
Concrete-Bucket Loader (const.)
Concrete-Bucket Unloader (const.)
Concrete-Conveyor Operator (const.)
Concrete-Hopper Operator (const.)
Concrete-Hopper - Operator Helper (const.)
Concrete-Mixer Loader, Truck Mounted (const.)
Conveyor Beltman, Concrete-Mixing Plant (const.)
Dumpman, Central-Concrete-Mixing Plant (const.)
Loftsman, Concrete-Mixing Plant (const.)
MICA-PLATE LAYER (minerals & earths)
MOLD POLISHER (glass mfg.)
mold cleaner
NODULIZER MAN (cement)
pelletizer man
PACKER, INSULATION (wallboard)
PUMPMAN (cement)
cement-storage man
silo tender
Fluxo-Pump Operator (cement)
ROUGE SIFTER AND MILLER (optical goods)
sifter and miller
SANDPAPER WINDER (abrasive & polish. prod.)
paper-taker-down operator
SILVER STRIPPER, MACHINE (mirror)
stripper
VIBRATOR (pottery & porc.)
WIRE SETTER (glass mfg.)
assistant-rolling-machine operator
579.886 LABORER, CONCRETE PLANT (conc. prod.)
Acid Cutter (conc. prod.)

579.886 Con. Bell Tier (conc. prod.)
Block Breaker (conc. prod.)
Block Cuber (conc. prod.)
Flue-Lining Dipper (conc. prod.)
Rough Patcher (conc. prod.)
Yarder (conc. prod.)
MAT PACKER (wallboard)
MIRROR-MACHINE FEEDER (mirror)
conveyor loader
OFF-BEARER, SEWER PIPE (brick & tile)
auger-machine off-bearer
turner
579.887 BRAKE-LINING-FINISHER HELPER, ASBESTOS (asbestos prod.)
Cutter, Brake Lining (asbestos prod.)
Grinder, Brake Lining (asbestos prod.)
FLOOR BOY (glass mfg.)
GLASS-CUT-OFF MAN (glass mfg.)
cut-off man, glass
window-glass cutter-off
LABORER, BATCHING PLANT (const.)
batching-plant attendant
batching-plant dumper-man
LABORER, GENERAL (brick & tile)
clean-up man
yardman
MICA SIZER (minerals & earths)
sizer

58 OCCUPATIONS IN PROCESSING OF LEATHER, TEXTILES, AND RELATED PRODUCTS

This division includes occupations concerned with applying treatment materials and additives to textile, leather, and textile products; subjecting such materials and products to chemicals, heat, mechanical action, cleaning agents, and the like to impart such characteristics as body weight, pliability, size, texture, water resistance, and finish. Includes converting hides and skins into leather.

580. Shaping, Blocking, Stretching, and Tentering Occupations

This group includes occupations concerned with imparting or restoring shape to materials and objects by the use of such devices as blocks, and extending materials to their full extent or to greater size by such devices as tenters (frames for stretching).

580.782 FIXER, BOARDING ROOM (hosiery)
WEFT STRAIGHTENER (textile)
580.884 BLOCKER, HAND (hat & cap) I
blocker, heated metal-forms
felt puller
hat blocker
roper
BLOCKER, HAND (hat & cap) II
cap blocker
hat-blocking operator
hat blocker
molder
reshaper
straw-hat-blocking operator
stretcher
Panama-Hat Blocker (hat & cap)
Set-Off Girl (hat & cap)
Straw-Hat Blocker (hat & cap)
Trimming-Department Blocker (hat & cap)
580.885 BRIM-STRETCHING-MACHINE OPERATOR (hat & cap)
brimmer blocker
brimming-machine operator
brim stretcher
CALENDERING-MACHINE OPERATOR (knit goods)
calenderer
finisher
folding-machine operator
mangle tender, cloth
rolling-up-machine operator
CLOTH DRIER (knit goods)
cloth spreader
drier tender
drying-machine operator
steaming-machine operator
COLLAR-TURNER OPERATOR (garment)
collar-folder operator
collar-shaper operator

580.885 Con. COTTON-BALL-MACHINE TENDER (surgical appl.)
cotton-ball operator
GAUZE-PAD-MACHINE OPERATOR (surgical appl.)
HAT-BLOCKING-MACHINE OPERATOR (hat & cap) I
blocking-machine operator
block operator
hat blocker
stamper blocker
steam blocker
tipper
western-felt-hat blocker
wet blocker
wet-crown-blocking operator
Wool-Hat Blocker (hat & cap)
HAT-BLOCKING-MACHINE OPERATOR (hat & cap) II
hat blocker
HOOKING-MACHINE OPERATOR (textile) I
HYDRAULIC BLOCKER (hat & cap)
hydraulicker
hydraulic man
hydraulic operator
hydraulic presser
hydraulic-press man
hydraulic-press operator
plugger
presser
Blocking - Machine Operator, Second (hat & cap)
Brim Presser (hat & cap) II
Crown Presser (hat & cap)
Hydraulic-Brim-Flanging-Machine Operator (hat & cap)
Hydraulic-Press Operator, First Pressing (hat & cap)
Panama-Hat-Hydraulic-Press Operator (hat & cap)
Straw-Hat-Hydraulic-Press Operator (hat & cap)
Wool-Hat Hydraulicker (hat & cap)
Woven-Paper-Hat-Hydraulic-Press-Operator Finisher (hat & cap)
MOLDER (hat & cap) I
brim molder
stamper
PRE-PLEATER (house furn.)
ROLLER OPERATOR (hat & cap)
SKEIN-YARN DYER (knit goods; textile)
dye-machine tender
kettleman, stock dye
kettleman, yarn dye
kettle tender
pilot
yarn dyer
STRETCHER (hat & cap) I
raw-skin stretcher
stretching-machine operator
STRETCHING-MACHINE OPERATOR (cord. & twine)
Depth-Stretching-Machine Operator (cord. & twine)
Vertical-Stretching-Machine Operator (cord. & twine)
TENTER-FRAME OPERATOR (knit goods; textile)
cloth stretcher
drier tender
drying-frame operator
drying-machine tender
frame-machine operator
framing-machine tender
hot-frame tender
open-tenter operator
pin-tenter operator
steam-frame operator
stretcher
tenter-frame feeder
tentering-machine operator
TIP STRETCHER (hat & cap)
tipper
tipping-machine operator
YARN-TEXTURING-MACHINE OPERATOR (textile) II
bulking-machine operator
Taslan-Machine Operator (textile)

580.887 ORIENTAL-RUG STRETCHER (any ind.)
rug stretcher

581. Separating, Filtering, and Drying Occupations
This group includes occupations concerned with removing moisture, chemicals, and other substances from materials by draining, straining, squeezing, centrifugal force, gravitation, precipitation, or agitation; and removing moisture by exposure to heat or air.

581.782 DRIER-AND-REWINDER OPERATOR (fiber rugs)
rewind-and-drier operator
581.885 CARBONIZER (textile)
CLOTH SANDER (textile)
sander
sanding-machine operator
DRIER - AND - REWINDER - OPERATOR HELPER (fiber rugs)
rewind-and-drier helper
DRIER OPERATOR (synthetic fibers)
drying-machine operator
drying-room operator
Bobbin Drier (synthetic fibers)
Skein Drier (synthetic fibers)
DRY-CANS OPERATOR (textile)
blower man
can-drier operator
cans operator
can tender
cloth-dry-can man
cloth-dry-can operator
drier tender
drying-machine tender
DRYING-MACHING OPERATOR, PACKAGE YARNS (textile)
drier operator
kier drier
oven-drier tender
package drier
port drier
DRYING-UNIT-FELTING-MACHINE OPERATOR (felt goods)
continuous-drier operator
drier
DRY-ROOM TENDER (artif. leather)
drier
EXTRACTOR OPERATOR (any ind.)
centrifugal-extractor operator
clothes wringer
drying-machine tender
drying-room man
extractor
rapid-extractor operator
whiz-machine operator
whizzer hand
wizard-drier operator
wringer
Extractor Tender, Raw Stock (textile)
EXTRACTOR OPERATOR (textile)
suction-machine operator
vacuum-extractor operator
CAKE WRINGER (synthetic fibers)
hydroextractor operator
wringer operator
FUR-BLOWER OPERATOR (hat & cap)
blower
fur blower
fur-blowing-machine attendant
fur-blowing-machine operator
fur mixer
Eight-Section Blower (hat & cap)
Six-Section Blower (hat & cap)
RAW-STOCK-DRIER TENDER (textile)
fiber-drier operator
stock-drier tender
RUG-DRYING-MACHINE OPERATOR (carpet & rug)
SKEIN-YARN DRIER (textile)
drying-machine operator
dry-room man
steam-drier operator
yarn-dry-room worker
TUMBLER TENDER (hoisery; knit goods)
VACUUM-DRIER OPERATOR (felt goods)
WHIZZER (hat & cap)
extractor
whizzer operator
WINDING-RACK OPERATOR (artif. leather)
jack operator

581.885 Con. WOOL-DRIER MAN (slaught. & meat pack.)
WOOL OPENER AND DUSTER (textile)
duster operator
WOOL-WRINGER MAN (slaught. & meat pack.)
extractor
581.886 BLOW MAN, DYED RAW STOCK (textile)
DRIER (garment)
DRIER (hoisery; knit goods)
drying-machine tender
DRYING-OVEN ATTENDANT (hat & cap)
skin-drying-room attendant
DRYING-RACK CHANGER (boot & shoe)
DRYING-UNIT-FELTING-MACHINE-OPERATOR HELPER (felt goods)
continuous-drier helper
DUST-MILL OPERATOR (house furn.)
FEATHER-DRYING-MACHINE OPERATOR (house furn.)
TRAY DRIER (hosiery)
drying-machine operator
WET-COTTON FEEDER (textile)
581.887 BURLAP SPREADER (tex. bag)
HEAT CURER (textile)
RAG SORTER AND CUTTER (waste & batting)
cutter
WHITE-DOWN-FEATHER SORTER (house furn.)

582. Washing, Steaming, and Saturating Occupations
This group includes occupations concerned with applying water and steam, and/or chemical agents to materials; and thoroughly soaking, filling, impregnating, or treating materials with substances to the point where no more can be taken up. Occupations concerned with steaming and saturating materials in order to shrink then are included in Group 587.

582.131 DYE-HOUSE FOREMAN (fur dressing)
Bleaching Foreman (fur dressing)
Dyeing Foreman (fur dressing)
Tanning Foreman (fur dressing)
582.132 FOREMAN, TAN ROOM (leather mfg.)
SCOURING FOREMAN (textile)
582.138 AGING DEPARTMENT FOREMAN (textile)
DYER, MASTER (any ind.)
colorman
dye-house foreman
dyer, boss
dyer, foreman
formula man
superintendent, dyeing
vatman, head
SOAPING-DEPARTMENT FOREMAN (textile)
582.587 CHEMICAL-STRENGTH TESTER (textile)
chemical checker
titrator
Acid-Strength Inspector (textile)
Caustic-Strength Inspector (textile)
582.687 SHADE MATCHER (textile)
general matcher
stack matcher
strip shader
tear-down matcher
582.782 DELIMER (leather mfg.)
bate master
bater
drencher
DRUM PRINTER (textile)
DYE-RANGE OPERATOR, CLOTH (textile)
cloth dyer
dye feeder
dyeing-machine feeder
dye-machine-entry-end man
dye-machine feeder
dye-range feeder
front tender
Indigo Vat-Tender, Cloth (textile)
SPIRAL-DYE-BECK TENDER (textile)
beck-dyeing-machine operator
FINISHING-MACHINE OPERATOR (narrow fabrics)
finisher
PICKLER (leather mfg.)
brine-tank man
pickle-mill man
pickle-solution maker
pickle-vat man
pickle-wheel man
SLASHER TENDER (textile)
sizer
WARP-SPOOL SLASHER (narrow fabrics)

582.782 Con.

TANNING-DRUM OPERATOR (leather mfg.)
drum tender
extract-wheel man
pit tanner
retanner
retanning-vat man
tanning-drum tender
tanner
tan yardman
tawer
Bark Tanner (leather mfg.)
Chestnut Tanner (leather mfg.)
Chrome-Tanning Wheelman (leather mfg.)
Oak Tanner (leather mfg.)
Quebracho Tanner (leather mfg.)
Sumac Tanner (leather mfg.)
COLORER, HIDES AND SKINS (leather mfg.)
color-drum man
colorer, machine
coloring man
dye-house wheelman
dye mixer
dyer and washer
dye weigher
leather colorer

582.884 SPOT CLEANER (garment; knit goods)
cleaner
dry cleaner
spotter
spot washer

582.885 AGER OPERATOR (textile)
aniline-dye-ager operator
long-steamer tender
Endless-Steamer Tender (textile)
AUTOCLAVE OPERATOR (knit goods)
BLEACHER (knit goods)
dipping-machine operator
discharger
BLEACH-RANGE OPERATOR (textile)
bleach-range-entering-end man
chemical-machine operator
chemic mangler
chemic-washer operator
BOIL-OFF-MACHINE OPERATOR, CLOTH (textile)
open-boil-off-machine operator
BOIL-OFF MAN, SKEIN YARN (textile)
boiler-off man
boil-off-kier tender
skein-yarn boiler-off
skein-yarn tender
yarn boiler-off
BOIL-OFF-POT OPERATOR (textile)
boil-off man, yarn
yarn boiler
CLOTH-FINISHING-RANGE MIDDLEMAN (textile)
middleman
patroling operator
utility hand
Cloth - Bleaching - Range Middleman (textile)
Cloth-Desizing-Range Middleman (textile)
Cloth-Dyeing-Range Middleman (textile)
CLOTH - FINISHING - RANGE OPERATOR (knit goods; textile)
backfiller
finishing-range operator
hot-tenter-entry-end man
starcher-and-tenter-range feeder
treater
Back Sizer (textile)
Waterproofing-Machine Operator (textile)
CLOTH-WASHER OPERATOR (textile)
cloth scourer
dunger
piece-goods washer
saturating-machine tender
saturator
washer feeder
washing-machine operator
washman
water boxman
wetter-out
Acid-Washer Operator (textile)
Back-Grey-Cloth Washer (textile)

582.885 Con.

Cloth-Liming-Washer Tender (textile)
Cloth Neutralizer (textile)
Naphthol-Soaping-Machine Operator (textile)
Rodney-Hunt-Washer Tender (textile)
OPEN-SOAPER TENDER (textile)
color developer
front tender
soaper
soaper tender
soaping-machine tender
washer and cans operator
ROPE-SOAPING-MACHINE OPERATOR (textile)
continuous-washer operator
COLORING-MACHINE OPERATOR (hat & cap)
colorman, machine
color-room helper
dyer helper
dye-wheel attendant
laborer, dye-house
CONDITIONER TENDER (textile)
ager tender, filling
conditioner, yarn
conditioning-room worker
filling conditioner
steam conditioner, filling
steamer
yarn conditioner
CRABBER (textile)
CRAVETTING - MACHINE OPERATOR (leather mfg.)
CYLINDER BATCHER (textile)
batcher
DAMPENING-MACHINE OPERATOR (garment)
dampener
DECATING-MACHINE OPERATOR (garment; textile)
cloth finisher
decatizer tender
dry-decator operator
open-blower operator
semi-decator
semi-decator operator
steam finisher
steam-shrinking-machine operator
steam sponger
FULL-DECATOR OPERATOR (textile)
DESIZING-MACHINE OPERATOR, HEAD-END (textile)
desizing-pad operator
malter operator
DEWER (textile)
dampener
moistening-machine operator
sprinkler tender
DRUM ATTENDANT (leather mfg.)
breaker-wheel operator
drum man
mill attendant
mordant-wheel man
softener
stuffer, machine
temperer
wet-milling-wheel operator
Blacking-Wheel Man (leather mfg.)
Degreasing - Wheel Operator (leather mfg.)
Dry-Mill Worker (leather mfg.)
Oiling-Machine Operator (leather mfg.)
Tanning-Wheel Filler (leather mfg.)
Washing-Machine Operator (leather mfg.)
DYE-REEL OPERATOR (knit goods; textile)
box tender
cloth dyer
dye-beck-reel operator
dye-tub operator
dye-winch operator
overhead-dye-box operator
overhead-dye man
overhead dyer
piece-dyeing-machine tender
piece-dye worker
vatman
vat tender
Knit-Tubing Dyer (knit goods)

582.885 Con.

DYER, MACHINE (fur dressing)
brush-machine operator
dyer
feeder
DYE-TANK MAN (cord. & twine)
net finisher
DYE-TUB OPERATOR (hosiery; knit goods)
drum-dyeing-machine operator
dyer
tumbler-dyeing-machine operator
Paddle-Dyeing-Machine Operator (hosiery; knit goods)
Rotary-Drum Dyer (hosiery; knit goods)
EXTRACTOR OPERATOR (felt goods)
FEATHER WASHER (house furn.)
tumbler-machine operator
FUMIGATOR AND STERILIZER (furn.; matt. & bedspring)
sterilizer operator
GARMENT STEAMER (knit goods)
steam hand
JIGGER (textile)
dye-box man
dye-jigger operator
jig-dyeing-machine tender
jig hand
vat tender
KIER BOILER (knit goods; textile)
ash-kier boiler
boiler
boil-off man, cloth
bowker
kierman
kier operator
kier tender
lime-kier boiler
lye boiler
LIMER (glue; leather mfg.)
dehairer
hair remover
hide limer
hide or skin lime-handler
limeman
lime puller
lime reeler
limes handler
lime slaker
lime-solution man
lime-solution pumper
lime-vat floorman
lime-vat hauler
lime-vats air-plunger
lime-vats puller
lime-vat tender
lime-wheel man
liming-solution maker
Vatman (glue)
OPEN-DEVELOPER OPERATOR (textile)
first-hand operator
PACKAGE-DYEING-MACHINE OPERATOR (textile)
beam dyer
bleacher
dyeing-machine tender
package dyer
Raw-Stock-Dyeing-Machine Tender (textile)
Top-Dyeing-Machine Tender (textile)
Yarn-Bleaching-Machine Operator (textile)
BEAM-DYER OPERATOR (textile)
cylinder dyer
PADDING-MACHINE OPERATOR (textile)
dye-padder operator
padder man
PATCH WASHER (textile)
patch developer
sample steamer
RANDOM DYER (knit goods)
cone dyer
random spotter
RINSING-MACHINE OPERATOR (knit goods)
ROPE-SILICA-MACHINE OPERATOR (textile)
silicate-washer tender
SATURATION-EQUIPMENT OPERATOR (linoleum)
tank operator
SATURATOR TENDER (roof. materials)

582.885 Con.
SCRUBBING-MACHINE OPERATOR (cord. & twine)
SHEEPSKIN PICKLER (slaught. & meat pack.)
drench man
slat pickler
Lime-Vat Tender (slaught. & meat pack.)
Pickling-Drum Operator (slaught. & meat pack.)
SIZING-MACHINE-AND-DRIER OPERATOR (felt goods)
Burlap-Sizing-Machine Operator (felt goods)
SKYING WATCHER (textile)
scaffold man
SOAKER, HIDES (slaught. & meat pack.)
hide washer
SOAKING-MACHINE OPERATOR (knit goods)
wetting-out operator
SPOT-DYEING-AND-WINDING-MACHINE OPERATOR (knit goods)
dye winder
spot-dyeing-machine operator
SPRAY-MACHINE OPERATOR (textile)
Blow-Machine Man, Starch Spraying (textile)
STAINING-MACHINE OPERATOR (cord. & twine)
STEAMER OPERATOR (textile)
STEAMER TENDER (textile)
cloth steamer
cottage steamer
pressure-steamer tender
steamer finisher
turner-steamer tender
Patch-Steamer Tender (textile)
TIN-WHIZ-MACHINE OPERATOR (textile)
whiz-machine operator, weighting
WARP-DYEING-VAT TENDER (textile)
clutchman
continuous-yarn-dyeing-machine operator
long-chain dyeing-machine operator
Indigo-Vat-Tender, Warp (textile)
WASHER (synthetic fibers)
bleacher
doffer
Bobbin Washer (synthetic fibers)
Cake Washer (synthetic fibers)
Desulfurizer, Hand (synthetic fibers)
Dipper (synthetic fibers)
Skein Washer (synthetic fibers)
DESULFURIZER, MACHINE (synthetic fibers)
desulfurizing operator
WEIGHTER (knit goods)
fuller
WOOL-WASHING-MACHINE OPERATOR (knit goods; textile)
Wool-Bleaching-Machine Operator (knit goods)
Wool-Tinting-Machine Operator (knit goods)
WRINGER (knit goods)
reeler
washer tender
wringer man
YARN DYER, VAT (knit goods)
YARN POLER (textile)
poler
YARN SOAKER (textile)
YARN-WASHING-AND-BLEACHING-MACHINE OPERATOR (textile)
bleacher
dye-house helper
dyer helper
washing-and-bleaching-machine operator
yarn scourer, machine
Hussong-Vat Man (textile)

582.886 BACK TENDER (garment; knit goods; textile)
back man, cloth drier
desizing-machine off-bearer
desizing-machine operator, rear-end
dry-can rear-end man
drying-machine receiver
drying-machine tender
frame catcher

582.886 Con.
swing tender
take-away attendant
tentering-machine off-bearer
tentering-machine rear-end operator
tenter-machine tailer
Cloth-Bleaching-Range Back-Tender (textile)
Cloth-Finishing-Range Back-Tender (textile)
Cloth-Mercerizer Back-Tender (textile)
Cloth-Washer Back-Tender (textile)
Desizing-Machine Back-Tender (textile)
Dry-Cans Back-Tender (textile)
Drying-Machine Back-Tender (knit goods; textile)
Dyeing-Machine Back-Tender (textile)
Mangle Back-Tender (textile)
Mangle Catcher (garment)
Singer Back-Tender (textile)
Soaping-Machine Back-Tender (textile)
Tenter-Frame Back-Tender (textile)
White-Washer Piler (textile)
BLEACHER HELPER (knit goods)
bleach-house helper
bleach-house worker
BOIL-OFF-POT-OPERATOR HELPER (textile)
DRUM-PRINTER HELPER (textile)
DYE-HOUSE WORKER (fur dressing)
DYE-REEL-OPERATOR HELPER (knit goods)
dye-room helper
laborer, wash-and-dye house
FIRST-BREAKER FEEDER (cord. & twine)
Tow Feeder (cord. & twine)
RAW-STOCK TUBMAN (textile)
dye-machine loader
tubman
SLASHER-TENDER HELPER (textile)
sizer helper
STARCHER, MACHINE (garment)
collar starcher
TOP-DYEING-MACHINE LOADER (felt goods; textile)
dye-machine-tender helper
kettle-tender helper
TUBE HANDLER (textile)
WARP COILER (carpet & rug; textile)
coiler man
coiler tender
dyeing-machine back-tender
YARN-WASHING-AND-BLEACHING-MACHINE-OPERATOR HELPER (textile)

582.887 BAGGER (hosiery)
dye lot clerk
grey-stock bagger
BAG OPENER (textile)
BEAT-OUT BOY (hosiery)
boarder helper
hose beater
top beater
top whipper
yanker
CHAINER (textile) I
yarn linker
LABORER, DYE HOUSE (knit goods)
Laborer, Bleach House (knit goods)
Laborer, Wash House (knit goods)
PAD BOY (textile)
pad maker
PEG BOY, DYEING (textile)
SHAKER (hosiery)
SIZER (textile) II
starcher
STARCHER, HAND (garment)
TREATER (any ind.)
applicator
applier
TUBE SEWER (knit goods)
YARN-CONDITIONING SPRAYER (textile)
size-yarn man
YARN-SOAKER HELPER (textile)

583. **Ironing, Pressing, Glazing, Staking, Calendering, and Embossing Occupations**

This group includes occupations concerned with imparting or restoring shape, smoothness, or finish to materials by application of pressure or tension usually accompanied by steam; imparting various effects to materials by running them under the pressure of a series of smooth or engraved rollers or plates; and stretching and softening leather in a staking machine to prevent cohesion of the fibers while drying.

583.132 FOREMAN, PRESSING DEPARTMENT (garment)

583.137 FOREMAN, PLEATING (trim. & stamp. art goods)

583.782 COATING-AND-EMBOSSING-UNIT OPERATOR (felt goods; textile)
EMBOSSING-PRESS OPERATOR (artif. leather)
finished-leather presser
plating-press operator
pressman
printer
smooth plater

583.884 PLEATER, HAND (trim. & stamp. art goods)
WAIST PLEATER (trim. & stamp. art goods)

583.885 BREAKER-MACHINE MAN (textile)
button-breaker-machine operator
button breakerman
button-breaker operator
BRIM-AND-CROWN PRESSER (hat & cap)
brim buster
brim setter
crown ironer
ironer
plater
BRIM CURLER (hat & cap)
BRIM PRESSER (hat & cap) I
brim buster
brimmer
brim plater
brim-plating boy
plater
Set-Off-Press Operator (hat & cap)
BUFFER, MACHINE (leather mfg.)
buffing-machine operator
buffing-wheel operator
burnisher
buzzle buffer
finishing-wheel operator
leather sander
leather snuffer
wheel buffer
Black-Leather Buffer (leather mfg.)
Sueding-Wheel Operator (leather mfg.)
White-Kid Buffer (leather mfg.)
CALENDER-MACHINE OPERATOR (asbestos prod.)
cloth calender
tape calender
CALENDER OPERATOR (felt goods; tex. bag; textile)
calender tender
chase-calender tender
friction-calender operator
lusterer
plain-calender tender
roll-calender tender
steam-press operator
NARROW-FABRIC CALENDERER (narrow fabrics)
calender operator, narrow fabrics
PRESS OPERATOR (textile)
COMBINING-MACHINE TENDER (textile)
CRUSHER-AND-BINDER OPERATOR (cord. & twine)
EMBLEM-FUSER OPERATOR (hosiery)
fusing-machine operator
EMBOSSER (any ind.)
calender man
embossing-calender operator
embossing-machine operator
roller embosser
Schreiner - Embosser Operator (knit goods; textile)
Silk-Crepe-Machine Operator (textile)
SWEATBAND-DECORATING-MACHINE OPERATOR (hat & cap)
marking-press operator
sweatband embosser
EMBOSSING-MACHINE OPERATOR (artif. leather)
EMBOSSING-MACHINE-OPERATOR HELPER (plastics mat.)

583.885 Con. FOLDING-MACHINE OPERATOR (garment)
creaser
creasing-machine operator
crimper
folder
Cuff Creaser (garment)
Pocket Creaser (garment; knit goods)
Pocket-Flap-Creasing-Machine Operator (garment)
Shirt Creaser (garment)
GREASER OPERATOR (hat & cap)
greaser
waxer
Brim-Greaser Operator (hat & cap)
Crown-Greaser Operator (hat & cap)
HAT-LINING BLOCKER (hat & cap)
HYDRAULIC-PRESS OPERATOR (felt goods)
HYDRAULIC-PRESS OPERATOR (knit goods)
JACQUARD-TWINE-POLISHER OPERATOR (cord. & twine)
LEATHER ETCHER (garment)
MANGLER (knit goods)
ironer
mangle operator, garments
pressing-machine operator
Anklet Presser (knit goods)
Cuff Presser (knit goods)
POUNCING-LATHE OPERATOR (hat & cap)
crown pouncer
end-lathe operator
pouncer
pouncer, machine
pouncing-machine operator
turn-machine operator
PRESSER, BUFFING WHEEL (tex. prod., n.e.c.)
PRESSING-MACHINE OPERATOR (hosiery) I
ironing-roll operator
pressing operator
PRESSING-MACHINE OPERATOR (hosiery) II
cylinder-press operator
pressing operator
ROLLER-MACHINE OPERATOR (leather mfg.)
jacker
jack-machine operator
jack-roller operator
preparer
rolling-jack operator
Back Roller (leather mfg.)
Belly Roller (leather mfg.)
Crop Roller (leather mfg.)
Dye Roller (leather mfg.)
Glazing - Machine Operator (leather mfg.)
Graining - Machine Operator (leather mfg.)
Retanned-Leather Roller (leather mfg.)
Wet Roller (leather mfg.)
RUBBERIZER, MACHINE (garment)
SEAM PRESSER (hat & cap)
ironer
pressing-machine operator
seam-pressing-machine operator
Half-Section Ironer (hat & cap)
Quarter-Section Ironer (hat & cap)
SHAPER AND PRESSER (garment)
collar pointer
collar-top turner
cuff-turner-machine operator
STAKER, MACHINE (leather mfg.)
blocking-machine operator
clamp staker
stretching-machine operator
STRAW-HAT PLUNGER OPERATOR (hat & cap)
straw-hat presser
STRAW-HAT PRESSER, MACHINE (hat & cap)
jack-press operator
pressing-machine operator
stamper operator
stamping-machine operator
Presser, First (hat & cap)
Presser, Second (hat & cap)
STRIP PRESSER (boot & shoe)
TOP STRETCHER (hosiery)
TRIMMING-MACHINE OPERATOR (garment; knit goods)
winder
VOEKLER-PRESS OPERATOR (textile)
steam-press operator

583.885 Con. YARN-POLISHING-MACHINE OPERATOR (textile)
brush-polishing-machine operator
glazer
glazing-machine operator
polishing-and-dyeing-machine operator
yarn-finishing-machine operator
Waxing-Machine Operator (textile)

583.886 BEAD-MACHINE OPERATOR (hat & cap)
burring-machine operator
sweatband drummer
GLOVE TURNER AND FORMER, AUTOMATIC (glove & mit.)
turner and former, automatic
HYDRAULIC - PRESS - OPERATOR HELPER (felt goods)
MANGLE-PRESS CATCHER (knit goods; textile)
mangle doffer
OUTSOLE FLEXER (boot & shoe)
knox-block flexer
PILLOWCASE TURNER (textile)
turner and presser
PRESS FEEDER (garment; knit goods)
roller-presser operator

583.887 BELT RUBBERIZER (garment)
rubberizer

584. Mercerizing, Coating, and Laminating Occupations

This group includes occupations concerned with treating material with concentrated caustic soda lye to cause swelling and increase luster; forming or pressing material into thin layers and covering materials and products with a layer or layers of the same or another material for such purposes as building them up, decorating, or preserving them.

584.782 COATER (textile)
COATING-MACHINE OPERATOR (artif. leather)
saturator
Dull-Coat-Mill Operator (artif. leather)
Finish - Coat - Mill Operator (artif. leather)
First-Coat Operator (artif. leather)
COATING-MACHINE OPERATOR (fiber rugs)
roll-coating-machine operator

584.884 SPRAYER (felt goods)

584.885 CALENDER OPERATOR, OILCLOTH (artif. leather)
Raw-Calender Operator (artif. leather)
Second-Calender Operator (artif. leather)
Third-Calender Operator (artif. leather)
CLOTH-MERCERIZER OPERATOR (textile)
lusterer
mercerizer
mercerizer-machine operator
mercerizing-range controller
COATING-MACHINE OPERATOR (tex. bag)
Padding-Machine Operator (tex. bag)
CORD-IMPREGNATING-MACHINE OPERATOR (textile)
FLOCKING-MACHINE OPERATOR (textile)
FOXING PAINTER (rubber goods)
GLUE-SPREADING-MACHINE OPERATOR (leather prod.)
HAT-STOCK LAMINATING MACHINE OPERATOR (hat & cap)
combiner
hat-brim-and-crown laminating operator
ironer
presser
KNIFE-MACHINE OPERATOR (textile)
knife finisher
knife man
MANGLE TENDER (textile)
cloth finisher
cloth-finishing-machine operator
cloth presser
mangler
quetch-machine operator
trojan ironer
Starch-Mangle Tender (textile)
Water-Mangle Tender (textile)
SIZING-MACHINE TENDER (hosiery; textile)
TAPING-MACHINE OPERATOR (button)
TARRING-MACHINE OPERATOR (cord. & twine)

584.885 Con. WAXING-MACHINE OPERATOR, FABRIC (textile)
finishing-machine tender
waxing-and-brushing-machine tender
CLOTH-OILER OPERATOR (textile)
oiler operator
PAINTING-MACHINE OPERATOR (textile)
cloth painter
finishing-machine operator
YARN-MERCERIZER OPERATOR (textile) I
hanger man, yarn mercerizing
mercerizer
mercerizer-machine operator
skein-mercerizing-machine operator
YARN-MERCERIZER OPERATOR (textile) II
mercerizer
mercerizer-machine operator

584.886 PLISSÉ-MACHINE-OPERATOR HELPER (textile)
YARN - MERCERIZER - OPERATOR HELPER (textile)

584.887 LEATHER COATER (leather mfg.)
doper
enameler
finisher, hand
hand finisher
japanner
leather dresser
load mixer
pourer
seasoner, hand
split-leather mosser
streaker-off, hand
swabber
tannery gummer
SPRAYER, HAND (leather mfg.)
leather pourer
leather sprayer
pourer
stencil sprayer
Color Sprayer (leather prod.)
Dope Sprayer (leather prod.)
Final-Coat Sprayer (leather mfg.)
Gum Sprayer (leather mfg.)
Oil Sprayer (leather mfg.)
Seasoning Sprayer (leather mfg.)

585. Singeing, Cutting, Shearing, Shaving, and Napping Occupations

This group includes occupations concerned with burning, scraping, scratching, and similarly working materials for such purposes as removing undesirable components (lint and hair) from them; smoothing their surfaces; removing desirable components (shearing fur from pelts); severing material into sections to facilitate further processing; and obtaining special effects, such as producing a woolly surface on fabrics by passing them over rollers covered with sharp, thin points, or bristles, which scratch and pull up the fibers.

585.380 CUTTING-MACHINE FIXER (textile)

585.687 BEAMING INSPECTOR (leather mfg.)
beam-house inspector
lime hide inspector
scudding inspector
unhairing inspector
PATCHER (leather mfg.)
cementer
leather patcher
leather repairer

585.884 BEAMER (leather mfg.)
brusher, hand
fine grainer
fine hairer
fine unhairer
flesher
grainer, hand
green shaver
hand-sanding fine-hairer
mooner
reflesher
scudder, hand
slicker
slickering beamster
TRIMMER, HAND (leather mfg.)
bend trimmer
block trimmer
counter pocket trimmer
edge trimmer

585.884 Con.
grader
preparer
ripper
snipper
trimmer and sorter
unbundler
Black-Leather Trimmer (leather mfg.)
Blue-Split Trimmer (leather mfg.)
Lambskin Trimmer (leather mfg.)
Lime Trimmer (leather mfg.)
Raw-Hide Trimmer (leather mfg.)
Wet Trimmer (leather mfg.)

585.885 BUFFER (hat & cap)
huffer-machine operator
huffing-lathe operator
buffing machine operator
lathe operator
pouncer
pouncer, machine
pouncing-machine operator
sander
Brim Buffer (hat & cap)
Crown Buffer (hat & cap)
Hat Buffer, Automatic (hat & cap)
CHINCHILLA-MACHINE OPERATOR (textile)
curling-machine operator
whirling-machine operator
CLOTH TRIMMER, MACHINE (textile)
shear tender
CONCAVING-MACHINE OPERATOR (boot & shoe)
concaver
CORDUROY-BRUSHER OPERATOR (textile)
alternating-brush operator
comb brusher
treadle-and-crosser operator
CORDUROY-CUTTER OPERATOR (textile)
cutting-machine operator
CUT-LACE-MACHINE OPERATOR (leather prod.)
cutter, machine
leather-stripping-machine operator
tanned-hide cutter, machine
width stripper
Belting Cutter (leather prod.)
Boot-Lace Cutter, Machine (leather prod.)
Sole-Stock Cutter (leather prod.)
ELECTRIFIER OPERATOR (textile)
hummer operator
GIG TENDER (textile)
gigger
Steam Gigger (textile)
LABEL PINKER (narrow fabrics)
MELLOWING-MACHINE OPERATOR (hat & cap)
brim flexer
Felt-Hat-Mellowing-Machine Operator (hat & cap)
NAPPER TENDER (felt goods; garment; knit goods; textile)
brushing operator
brush-machine operator
fleecing-machine operator
napper
napper operator
napping-machine operator
preparer
Silk Brusher (textile)
NAPPER TENDER (hosiery)
fleecer
ROLLING-MACHINE OPERATOR (textile)
rolling-machine tender
ROUNDING-MACHINE OPERATOR (hat & cap; tex. prod., n.e.c.)
brim cutter
cutting-machine operator
flange cutter
round-cutter operator
rounder
Felt-Hat-Brim-Cutter Operator (hat & cap)
Straw-Hat-Brim-Cutter Operator (hat & cap)
Trimmer, Buffing Wheel (tex. prod., n.e.c.)
RUG INSPECTOR (felt goods)
SHAVING-MACHINE OPERATOR (fur dressing; leather mfg.)
dry shaver

585.885 Con.
dry-shaving-machine operator
finishing shaver
shaver
slating-machine operator
wet shaver
wet-shaving-machine operator
Fleshing-Machine Operator (leather mfg.)
Shearing-Machine Operator (leather mfg.)
Unhairing-Machine Operator (leather mfg.)
FUR-CUTTING-MACHINE OPERATOR (hat & cap)
clipper
chopper
cutter
fur-trimming-machine operator
pelt shearer
shaver
shearer
SHEARING-MACHINE FEEDER (fur dressing)
shearer
SHEARING-MACHINE OPERATOR (knit goods; textile)
hacking-shear operator
hatch and shearing-machine operator
brusher and shearer
brusher-machine operator
cloth-brusher tender
cloth-cleaning-machine operator
cloth-finishing-machine operator
cloth shearer
cropper
looper
shear operator
tiger-machine operator
SINGE-MACHINE OPERATOR (hosiery)
gasser
singer
SINGER (textile)
gasser
gas singer
singeing-machine operator
SKIVER, BLOCKERS (boot & shoe)
Clark skiver
stripping skiver
SPLITTER, MACHINE (boot & shoe)
shaver
splitter
stripper
Ball-Point Splitter (boot & shoe)
Band Splitter (boot & shoe)
Fortuna Splitter (boot & shoe)
Heel-Cover Splitter (boot & shoe)
Heel Splitter (boot & shoe)
Heel-Top-Lift Splitter (boot & shoe)
Insole and Outsole Splitter (boot & shoe)
Sole Splitter (boot & shoe)
STRIPPING CUTTER AND WINDER (boot & shoe)
SWEATBAND SEPARATOR (hat & cap)
size cutter
wired sweatband cutter
TRIMMER, MACHINE (leather mfg.)
shearer

585.886 RUG-CUTTER HELPER (fiber rugs)

585.887 CARPET CUTTER (carpet & rug)
STRAIGHTENER AND CUTTER (house furn.)
cutter
straightener

586. **Felting and Fulling Occupations**

This group includes occupations concerned with matting, toughening, and compressing materials into felt fabric by such means as mechanical oscillation, vibration, and compression, and the use of such agents as moisture, chemicals, soap, and heat; and thickening the fabric, decreasing its surface area, and imparting a fibrous cover by the application of soap, alkali, or acid combined with pressure and friction.

586.130 FELT-GOODS FOREMAN, NEEDLE PROCESS (felt goods)
kersey-department foreman

586.685 TESTING-MACHINE OPERATOR (felt goods)
felt finisher

586.782 FELT-MACHINE OPERATOR (felt goods)
hardening-machine operator
lay-up man
FULLER (textile)
fulling-mill operator
wet finisher, wool
FULLING-MACHINE OPERATOR (felt goods)

586.885 CARROTING-MACHINE OPERATOR (hat & cap)
CONTINUOUS-CRUSHER OPERATOR (textile)
FELTMAKER AND WEIGHER (felt goods)
GASSER (textile) II
thread singer
HARDENING-MACHINE OPERATOR (hat & cap)
hardener
HAT-FORMING-MACHINE OPERATOR (hat & cap)
cone former
coner
forming-machine operator
SHRINKING-MACHINE OPERATOR (hat & cap)
"a" stumper
"b" stumper
bumper-machine operator
sizer, second
starter
"A" Machine Operator (hat & cap)
"B" Machine Operator (hat & cap)

586.886 FELTING-MACHINE-OPERATOR HELPER (felt goods)
hardening-machine-operator helper
HAT-FORMING-MACHINE FEEDER (hat & cap)
cone-machine feeder
feeder
fur feeder
fur weigher
MACHINE HELPER (felt goods)
general worker
Bat Carrier (felt goods)
Box Feeder (felt goods)
Cloth-Printer Helper (felt goods)
Coater-Helper (felt goods)
Die-Cutting-Machine-Operator Helper, Automatic (felt goods)
Garnett-Machine-Operator Helper (felt goods)
Needle-Loom-Operator Helper (felt goods)
Picking-Machine-Operator Helper (felt goods)
Sizing-Machine-and-Drier-Operator Helper (felt goods)

586.887 FELT CARBONIZER (felt goods)

587. **Brushing and Shrinking Occupations**

This group includes occupations concerned with going over materials with a brush to remove such undesirables as lint and loose thread, to improve appearance, or to aline nap; and reducing the size of materials by such methods as saturating, spraying, and steaming.

587.384 SANFORIZE TESTER (textile)
cloth-shrinking tester
wash-test checker

587.782 AUTOCLAVE OPERATOR (textile)

587.885 BINDING-MATERIAL STEAMER (knit goods)
BRUSHER, MACHINE (hat & cap)
brushing-machine operator
BRUSH OPERATOR (textile)
steam brush operator
CLOTH-SHRINKING-MACHINE OPERATOR (garment; textile)
cloth shrinker
cloth-shrinker-machine operator
cloth sponger
shrinker
sponger
water sponger
Hebdon-Machine Sponger (garment; textile)
Steam-Pan Sponger (textile)
LONDON-SHRINKING-MACHINE OPERATOR (garment; textile)
cold-water-machine operator
SANFORIZING-MACHINE OPERATOR (textile)
cloth sanforizer
sanforizer operator
DUSTER (hat & cap)
Hat Brusher, Machine (hat & cap)

587.885 Con. SHRINKING-MACHINE OPERATOR (knit goods)
padding-machine operator
presetter operator
SOAKER (textile)
shrinker
woolen-suiting shrinker
STRIKE-OUT-MACHINE OPERATOR (textile)
tiger-machine operator

587.886 HEBDON-MACHINE-SPONGER HELPER (textile)
SANFORIZING-MACHINE-OPERATOR HELPER (textile)
SOCK BOARDER (hosiery)
boarder
boarder, hand
boarder, steam
boarder tender

587.887 CANVAS SHRINKER (garment; textile)

589. **Occupations in Processing of Leather, Textiles, and Related Products, n.e.c.**

This group includes occupations, not elsewhere classified, concerned with processing leather, textiles, and related products.

589.130 CARPET-FINISHING FOREMAN (carpet & rug)
FABRIC-COATING FOREMAN (felt goods; textile)
felt-coating-and-mixing foreman
FOREMAN, FINISHING ROOM (leather mfg.)

589.132 FOREMAN (waste & batting)
FOREMAN, SPLIT AND DRUM ROOM (leather mfg.)

589.134 FOREMAN, WOOL-SORTING-AND-GRADING (textile)
Sorting-and-Mixing Foreman (textile)

589.137 CLOTH FINISHER (textile) I
finishing overseer
FOREMAN, BEAM DEPARTMENT (leather mfg.)
FOREMAN, FINISHING (fiber rugs)
finishing foreman
FOREMAN, FUR DRESSING (fur dressing)
Foreman, Fleshing (fur dressing)
FOREMAN, FUR-FLOOR WORKER (fur dressing)
Foreman, Shearing (fur dressing)
FOREMAN, MILL (cord. & twine)
foreman, mill room
FOREMAN, PACKING ROOM (leather mfg.)

589.138 FOREMAN (artif. leather)
Calender Foreman (artif. leather)
Coating Foreman (artif. leather)
Mixing Foreman (artif. leather)
Printing Foreman (artif. leather)
Trimming Foreman (artif. leather)
FOREMAN, SPLIT LEATHER DEPARTMENT (leather mfg.)

589.280 FITTER-UP (leather mfg.)
Roll Filler (leather mfg.)

589.281 COLOR MATCHER (hosiery)
dyer assistant

589.381 COLOR MATCHER (leather mfg.)
color mixer
mixer, pigment

589.387 COLORMAN, ROVING OR YARN (textile)
color checker, roving-or-yarn
shade-and-quality checker
INSPECTOR AND SORTER (leather mfg.)
assorter
bend sorter
grader
hefter
hide sorter
leather sorter
passer
Blue-Leather Sorter (leather mfg.)
Patent-Leather Sorter (leather mfg.)
Russet-Leather Sorter (leather mfg.)
WOOL-AND-PELT GRADER (slaught. & meat pack.)
slat grader
WOOL SORTER (textile)
wool grader

589.487 YARN-TESTING WEIGHMAN (textile)
break tester
filling inspector
test boy
yarn sizer
yarn-strength tester
yarn-weight tester

589.488 WEIGHT-YARDAGE CHECKER (textile)

589.685 CLOTH SHADER (garment; textile)

589.687 CLOTH FOLDER, HAND (garment; textile)
book folder
folder, hand
hand-booked folder and stitcher
maker-up, folding
Bedspread Folder (textile)
Blanket Folder (textile)
Pillowcase Folder (textile)
Sheet Folder (textile)
GRADER (can. & preserv.)
Fish Grader (can. & preserv.)
Tomato Grader (can. & preserv.)
PIECER (textile)
RAW-SILK GRADER (textile)

589.781 FUR DRESSER (fur dressing)
tanner

589.782 CLOTH-FINISHING-RANGE OPERATOR, CHIEF (textile)
finishing-range foreman
range operator
Cloth-Bleaching-Range Operator, Chief (textile)
Cloth-Desizing-Range Operator, Chief (textile)
Cloth-Dyeing-Range Operator, Chief (textile)
SCOURING-TRAIN OPERATOR (carpet & rug; textile)
scouring-machine operator

589.884 COLOR MIXER (window shade & fix.)
RAKER, BUFFING WHEEL (tex. prod., n.e.c.)
SPECK DYER (textile)
defective-cloth color-inker
inker
painter, cloth
printed-cloth touch-up man
repairer

589.885 BACK WASHER (textile)
BLENDING-MACHINE OPERATOR (textile)
BOARDING-MACHINE OPERATOR (hosiery)
boarder
boarder, machine
Boarder Finisher (hosiery)
Boarder Starter (hosiery)
Pre-Boarder (hosiery)
BREAKER-UP-MACHINE OPERATOR (hat & cap)
breaker-up
BRIM-POUNCING-MACHINE OPERATOR (hat & cap)
brim pouncer
fast-brim pouncer
Jigger-Brim-Pouncing-Machine Operator (hat & cap)
CLOTH MEASURER, MACHINE (garment; textile)
measurer, machine
measuring-percher and inspector
CLOTH-SKEINING-REEL OPERATOR (textile)
put-up man
skeiner
skeiner operator
COOLER OPERATOR (textile)
cooler-machine operator
DETACKER (knit goods; textile)
DRUMMER (hat & cap)
softener
DRY CLEANER (knit goods)
DRYING-MACHINE TENDER (garment; knit goods; textile) I
oven tender
stove tender
tubing drier
Loop-Drier Operator (knit goods; textile)
Suction-Drum-Drier Operator (knit goods)
DUST-BOX TENDER (textile)
cloth duster
DYER HELPER (hat & cap) I
FEATHER MIXER (house furn.)
FEATHER SEPARATOR (house furn.)
Pin-Feather-Machine Operator (house furn.)
Quill-Picking-Machine Operator (house furn.)

589.885 Con. FOLDING-MACHINE OPERATOR (knit goods; textile)
dry folder, cloth
folder operator
layer-up
FOLDING-MACHINE OPERATOR (textile) I
cloth folder, machine
flat-folding-machine operator
folder, machine
hooking-machine operator
Silk Folder (textile)
FUR-FLOOR WORKER (fur dressing)
floorworker
Beating-Machine Operator (fur dressing)
Comber (fur dressing)
Cutter (fur dressing)
Drummer (fur dressing)
Fur Clipper (fur dressing)
Fur Puller (fur dressing)
Fur Stretcher (fur dressing)
Greaser (fur dressing)
HAIR-BOILER OPERATOR (fur dressing)
HAT FINISHER (hat & cap)
body finisher
Crown Finisher (hat & cap)
Men's-Hat Finisher (hat & cap)
Wool-Hat Finisher (hat & cap)
KAPOK-AND-COTTON-MACHINE OPERATOR (waste & batting)
LAUNDRYMAN (house furn.)
MARKING-MACHINE OPERATOR (textile)
MEASURING-MACHINE OPERATOR (leather mfg.)
hide-measuring-machine operator
measurer
measuring man
PAD-EXTRACTOR TENDER (knit goods)
extractor
processor
PLEATER (knit goods; textile)
bin piler
kier packer
kier piler
kier pleater
plaiter
Sour-Bleaching Pleater (textile)
PULLER, MACHINE (fur dressing)
RENOVATOR-MACHINE OPERATOR (house furn.)
feather renovator
sterilizer
ROLLING-DOWN-MACHINE OPERATOR (knit goods; textile)
pleating-machine operator
pull-down man
swing-folding-machine operator
unrolling-machine operator
ROLLING-MACHINE TENDER (knit goods)
roll-up man
ROLL TURNER (knit goods)
tube turner
turner
turning-machine operator
SCRUTCHER TENDER (textile)
cloth opener, hand
SEASONING MIXER (leather mfg.)
dope mixer
Degreasing-Solution Mixer (leather mfg.)
Finishing-Compound Mixer (leather mfg.)
Pigment and Lacquer Mixer (leather mfg.)
SHAKER (hat & cap)
TANNERY GRINDER (leather mfg.)
Bark Grinder (leather mfg.)
Pigment Grinder (leather mfg.)
Wood Grinder (leather mfg.)
TURNING-MACHINE OPERATOR (tex. bag)
turner
Air-Turning-Machine Feeder (tex. bag)
Horizontal-Stick-Turning-Machine Operator (tex. bag)
VACUUM-TANK TENDER (textile)
WRINGER-MACHINE OPERATOR (felt goods; leather mfg.)
extractor operator
extract wringer
pressman

589.885 Con.
putter-out, machine
roll-press operator
setter, machine
striker-out, machine
wringer
wringer operator
wringing-machine operator
Belly Wringer (leather mfg.)
Blue-Leather Setter (leather mfg.)
Colored-Leather Setter (leather mfg.)
Crop-Setting-Out-Machine Operator (leather mfg.)
Sammy Man (leather mfg.)
YARN-TEXTURING-MACHINE OPERATOR (synthetic fibers)
crimping-machine operator
Ban-Lon-Machine Operator (textile)

589.886 CEMENTER, MACHINE APPLICATOR (boot & shoe)
Binding Cementer, French Cord (boot & shoe)
Bottom Cementer (boot & shoe) II
Cementer For Folding, Machine (boot & shoe)
Channel Cementer, Insole, Machine (boot & shoe)
Channel Cementer, Outsole, Machine (boot & shoe)
Heel Cementer, Machine (boot & shoe)
Heel-Lining Paster (boot & shoe)
Outsole Cementer, Machine (boot & shoe)
Platform Cementer (boot & shoe)
Potdevin Cementer, Machine (boot & shoe)
Rand Cementer (boot & shoe)
Tuck-and-Insole Cementer (boot & shoe)
Upper-Lining Cementer (boot & shoe)
Welt-Strip Cementer, Machine (boot & shoe)
CLOTH FEEDER (textile)
range feeder
Finishing-Range Feeder (textile)
Mercerizing-Range Feeder (textile)
Tenter-Frame Feeder (textile)
FEATHER-CURLING-MACHINE OPERATOR (house furn.)
crushing-mill operator
feather-crushing-machine operator
LABORER, GENERAL (leather mfg.)
cellar hand
choreman
department helper
floor boy
general utility man
roustabout
Laborer, Beam House (leather mfg.)
Laborer, Drying Department (leather mfg.)
Laborer, Hide House (leather mfg.)
Laborer, Tan House (leather mfg.)
OPENER (hat & cap) II
PACKAGE CRIMPER (textile)
crimping-machine operator
RUG-INSPECTOR HELPER (felt goods)
TAKER-OFF, HEMP FIBER (cord. & twine)
taker-off
Taker-Off, Braker Machine (cord. & twine)
Taker-Off, Drying Kiln (cord. & twine)
Taker-Off, Scutcher Machine (cord. & twine)
TOBACCO-CLOTH RECLAIMER (waste & batting)
WASTE-MACHINE OFF-BEARER (waste & batting)

589.887 BAGGING SALVAGER (textile)
burlap man
sack-cleaning hand
tie-salvage man
BOBBIN CUTTER (textile)
BUNDLE BREAKER (cord. & twine)
band cutter
bundle cutter
hands parter
DIPPER (textile)
DYER (artif. flower)

589.887 Con.
DYER (hat & cap) II
DYE-STAND LOADER (textile)
carrier loader
package-dye-stand loader
KNOTTER (textile)
binder
folded-cloth binder
folded-cloth tacker
tacker
LABORER, GENERAL (artif. leather)
Calender-Operator Helper (artif. leather)
Cloth-Printing-Machine-Operator Helper (artif. leather)
Coating-Machine-Operator Helper (artif. leather)
Embossing-Machine-Operator Helper (artif. leather)
Winding-Rack-Operator Helper (artif. leather)
LAY-OUT GIRL (textile)
Lay-Out-and-Put-Up Man (textile)
PULLER (textile)
SAMPLE GIRL (textile)
SHADE-CLOTH FINISHER (window shade & fix.)
SPREADER (hat & cap)
stretcher and drier
STAINER (leather prod.)
applier
color finisher
smearer
STIFFENER (hat & cap)
dipper
machine sizer
sizing brusher
sizing sponger
sizer
smearer
spray-gun sizer
Brim Stiffener (hat & cap)
Lacquer Sizer (hat & cap)
Panama-Hat Smearer (hat & cap)
Retouching Operator (hat & cap)
Straw-Hat Sizer (hat & cap)
Varnisher (hat & cap)
TUBE CLEANER (textile)
WOOL PULLER (leather mfg.; slaught. & meat pack.)

59 PROCESSING OCCUPATIONS, N.E.C.
This division includes occupations, not elsewhere classified, concerned with processing materials and products.

590. Occupations in Processing Products from Assorted Materials
This group includes occupations concerned with producing singular products by means of mixing, heating, saturating, distilling, melting, and similarly working two or more different materials.

590.130 FOREMAN, INSULATION (wallboard)
FOREMAN, ROOFING PLANT (roof. materials)
Shingle-Machine Foreman (roof. materials)

590.131 PORCELAIN-ENAMELING FOREMAN (any ind.)
foreman, porcelain department

590.132 FOREMAN, CANDLE MAKING (candle)
FOREMAN, COMPONENT SEALING (electronics)
foreman, impregnating

590.387 DEFECT MAN (linoleum)
INSPECTOR (linoleum)
Rug Inspector (linoleum)
Tile Inspector (linoleum)
Wide-Piece-Goods Inspector (linoleum)

590.487 COLOR WEIGHER (linoleum)
pigment weigher

590.782 CALENDER OPERATOR (linoleum)
COATER, ASPHALT (roof. materials)
back tender
CONTROLS OPERATOR, MOLDED GOODS (linoleum)
FASTENER-AUTOMATION-MACHINE OPERATOR (needle, pin, & rel. prod.)
FORMING-PROCESS MAN (elec. equip.)
process attendant
switchroom man

590.782 Con.
IMPREGNATING-MACHINE OPERATOR (wirework)
asphalt-machine operator
IMPREGNATOR (electronics)
Wax Impregnator (electronics)
MECHANICAL OXIDIZER (linoleum)
OPERATOR, AUTOMATED PROCESS (electronics)
ROLLER BOSS (linoleum)
mixing-roll operator
STOVE-CARRIAGE OPERATOR (linoleum)
Bight Maker (linoleum)
Carriage Feeder (linoleum)

590.884 PROCESSOR, SOLID PROPELLANT (explosives)
chemical operator
process operator
Mold-Release Man (explosives)
Rocket-Assembly Operator (explosives)
Technical Operator, Grain Preparation (explosives)

590.885 COATING-MACHINE OPERATOR (linoleum)
coater
DIAMOND BLENDER (cut. tools)
DIPPER (match)
gager
ETCHER, PRINTED CIRCUITS (electronics)
etch-tank operator
FIRER (electronics)
boat loader and firer
firer and boat loader
furnace operator, automatic
hydrogen-furnace operator
FIRER (jewelry)
baker
kiln operator
GRINDER OPERATOR (match)
HEEL SPRAYER, MACHINE (boot & shoe)
sprayer
IMPREGNATOR, ELECTROLYTIC CAPACITORS (electronics)
paste-cooker and centrifuge operator
IRONER (needle, pin, & rel. prod.)
zipper ironer
IRON-PLASTIC BULLET MAKER (ammunition)
JEWELRY COATER (jewelry)
OVEN OPERATOR (linoleum)
PLATE-DRYING-MACHINE OPERATOR (elec. equip.)
drier tender
plate drier
PRESS-MACHINE OPERATOR (linoleum)
ROLL-UP-GUIDER OPERATOR (linoleum)
guider and roll-up operator
SEALING-MACHINE OPERATOR (electronics)
sealer
SPRAY PAINTER, MACHINE (wallboard)
WAD IMPREGNATOR (ammunition)
WAD LUBRICATOR (ammunition)
bar-gager and lubricator tender
WINDER OPERATOR (linoleum)
roll-up operator

590.886 COATING-MACHINE-OPERATOR HELPER (linoleum)
loop tender
rollman
COMPOUND FILLER (match)
GUIDER (linoleum)
Carrier Guider (linoleum)
Dip Guider, Stoves (linoleum)
Roll Guider, Mold Goods (linoleum)
Side Guider (linoleum)
HOOK LOADER (toys & games)

590.887 LABORER (candle)
PLASTIC-JOINT MAKER (brick & tile)
speed-seal-joint crewman
RACKMAN (linoleum)
RUG CUTTER (linoleum)
STOVE-BOTTOM MAN (linoleum)

599. Miscellaneous Processing Occupations, n.e.c.
This group includes miscellaneous occupations, not elsewhere classified, concerned with processing materials and products.

599.132 BARREL-TUMBLER LEADER (ammunition; firearms)
wash-barrel leader

599.380 EXHAUST EQUIPMENT SET-UP MAN (electronics)
Rotary-Pump Set-Up Man (electronics)

599.487 CATHODE-COATING INSPECTOR (electronics)
cathode inspector
cathode weigher
599.782 CATHODE-COATER OPERATOR (electronics)
cathode-spray-machine operator
IMPREGNATOR AND DRIER (elec. equip.)
PAINT SPRAYER OPERATOR, AUTOMATIC (any ind.)
automatic paint sprayer
spray-machine operator
Bonderite Operator (sheet metal)
Control Man, Flow Coat (elec. equip.)
Gunstock-Spray-Unit Adjuster (firearms)
599.883 LEAD HANDLER (ammunition)
599.884 EQUIPMENT CLEANER, HAND (any ind.)
night cleaner
Beer-Coil Cleaner (any ind.)
Lard-Tub Washer (slaught. & meat pack.)
Line Cleaner (dairy prod.; malt liquors)
Pipe Washer (dairy prod.)
Sanitary Man (dairy prod.)
SAMPLER (coke prod.)
Sampleman, Ovens (coke prod.)
599.885 BLOCK SEALER (auto. mfg.)
mogul cast operator
BRAN MIXER (iron & steel)
BULB CARBONIZER (electronics)
carbonizing-machine operator
CRUSHER MAN (any ind.) I
crusher operator
roll attendant
primary-crusher operator
DIPPER (any ind.)
dipman
dip painter
impregnator
Asphalt Coater (elec. equip.)
Bluer (firearms)
Bonderizer (auto. mfg.)
Broom-Handle Dipper (broom)
Clay-Products Glazer (elec. equip.)
Enamel Dipper (any ind.)
Paint Dipper (any ind.)
Painter, Spring (matt. & bedspring; wirework)
Porcelain Slusher (any ind.)
Rust Proofer (auto. mfg.)
Screen-Frame Enameler (struct. & ornam. metalwork)
Stain Dipper (furn.)
Tinner Operator, Connecting Rods (auto. mfg.)
Varnish Dipper (furn.)
Vinyl Dipper (rubber goods)

599.885 Con.
DIPPER AND BAKER (any ind.)
impregnating-tank operator
Armature Varnisher (any ind.)
Field-Coil Enameler (any ind.)
OXIDIZED-FINISH PLATER (any ind.)
plater helper
FILTERMAN (glue; malt liquors)
head filterman
FILTER OPERATOR (any ind.)
filterman
filter wheelman
sludge-filter operator
vacuum-filter operator
wheelman
Carbonation-Filter Operator (sugar)
Kieselguhr-Filter Operator (sugar)
Mud Wheelman (any ind.)
Oliver-Filter Operator (any ind.)
Pigment Filterer (chem.)
Saccharate-Filtration Man (sugar)
Salt Filterman (any ind.)
Salt Wheelman (any ind.)
FILTER-PRESS OPERATOR (any ind.)
filterer
filterman
pressman
press-slip operator
tile operator
Plate-and-Frame Filter Operator (any ind.)
Resin Filterer (paint & varn.)
Sweetland-Press Operator (sugar)
Vallez-Filter Operator (any ind.)
Varnish Filterer (paint & varn.)
White-Lead Filterer (paint & varn.)
FILTER WASHER AND PRESSER (distilled liquors; glue; malt liquors)
filterman
filter-pulp washer
FILTRATION HELPER (any ind.)
color-press operator
Fourdrinier Helper (plastics mat.)
Plate-and-Frame-Filter-Operator Helper (any ind.)
Sweetland-Press-Leaf Attendant (any ind.)
Vallez-Filterer Helper (any ind.)
IMPREGNATING-TANK OPERATOR (any ind.) I
coating-machine operator
insulating-machine operator
paint-coating-machine operator
sizing-machine operator
Enamel-Machine Operator (elec. equip.)
Varnishing-Machine Operator (elec. equip.)

599.885 Con.
Waxing-Machine Operator (elec. equip.)
Wire Coater (electronics)
IMPREGNATOR AND DRIER HELPER (elec. equip.)
impregnating helper
p. i. helper
MILL OPERATOR (any ind.)
Ball-Mill Operator (any ind.)
Barytes Grinder (paint & varn.)
Pebble-Mill Operator (ink; paint & varn.)
Rod-Mill Operator (any ind.)
PAINTER, TUMBLING BARREL (any ind.)
barrel painter
PAINTING-MACHINE OPERATOR (any ind.)
spray-machine operator
Lacquer Man (fabric. plastics prod.)
Oiling-Machine Operator (iron & steel)
LACQUERER (fabric. plastics prod.)
SPRAYER, MACHINE (leather mfg.)
blackener
blacking-machine operator
spray-machine operator
PAINT-LINE OPERATOR (toys & games)
PLEATING-MACHINE OPERATOR (any ind.)
pleater
pleater operator
SCREENER OPERATOR (and ind.)
separator-machine operator
SPRAY-MACHINE TENDER (tinware)
STERILIZER (drug. prep. & rel. prod.; medical ser.; surgical appl.)
autoclave operator
TUBE COATER (fabric. metal prod., n.e.c.)
TUMBLER OPERATOR (any ind.)
DEFINER (button)
POLISHER (button)
TUBBER (jewelry)
TUMBLER (clock & watch)
WASHER, MACHINE (any ind.)
washing-machine operator
WASHING-MACHINE OPERATOR (any ind.) I
WATER TENDER (any ind.)
599.886 MILL-OPERATOR HELPER (any ind.)
SPRAY-UNIT FEEDER (any ind.)
machine sprayer
Gunstock-Spray-Unit Feeder (firearms)
Lacquerer (needle, pin, & rel. prod.)
Sprayer, Light Bulbs (elec. equip.)
599.887 NET WASHER (rubber goods)
WASHER (any ind.) II
cleaner
Bobbin Washer (textile)
Brush Washer (textile)
Tub Washer (textile)
Ware Washer (pottery & porc.)

6 MACHINE TRADES OCCUPATIONS

This category includes occupations concerned with feeding, tending, operating, controlling, and setting up machines to cut, bore, mill, abrade, print, and similarly work such materials as metal, paper, wood, and stone. Throughout this category, the overall relationship of the worker to the machine is of prime importance. At the more complex levels, the important aspects of the work include understanding machine functions, reading blueprints, making mathematical computations, and exercising judgment to attain conformance to specifications. Coordination of the eyes and hands is the most significant factor at the lower levels. Disassembly, repair, reassembly, installation, and maintenance of machines and mechanical equipment, and weaving, knitting, spinning, and similarly working textiles are included in this category.

60 **METAL MACHINING OCCUPATIONS**

This division includes occupations concerned with shaping metal parts or products by removing excess material from stock or objects, primarily by such means as cutting, boring, milling, abrading, and planing. Includes laying out, job setting, repairing, fitting, and assembly. The machining of plastics is also included when the methods applied to the machining of metal are used.

600. **Machinists and Related Occupations**

This group includes occupations concerned with shaping metal parts by milling, turning, planing, abrading, boring, chipping, sawing, and shaving with a variety of metal-working machines. Includes laying out, job setting, fitting, assembling, and repairing. Occupations primarily concerned with machine shop tools are included in Group 601 and machining gears in Group 602.

600.131 MACHINE-SHOP FOREMAN, TOOL (mach. shop)
SALVAGE ENGINEER (mach. mfg.)

600.280 EXPERIMENTAL MECHANIC (motor. & bicycles)
development mechanic
INSTRUMENT MAKER (any ind.) II
mechanical technician
parts mechanic
precision-instrument and tool maker
precision-mechanical-instrument maker
INSTRUMENT BUILDER (inst. & app.)
INSTRUMENT-MAKER-AND-REPAIRMAN (petrol. production)
INSTRUMENT-MAKER APPRENTICE (any ind.)
precision-mechanical-instrument-maker apprentice
MACHINIST (mach. shop) I
machinist, all-around
machinist, first class
machinist, general
machinist, journeyman
machinist, precision
MACHINIST, AUTOMOTIVE (auto. ser.)
MACHINIST, EXPERIMENTAL (mach. shop)
experimental and test mechanic
experimental machinist
MACHINIST, ULTRASONIC (mach. shop)
MACHINIST APPRENTICE (mach. shop)
machine-shop apprentice
MACHINIST APPRENTICE, AUTOMOTIVE (auto. ser.)
MAINTENANCE MACHINIST (any ind.)
machine repairman
shop mechanic
Machinist, Construction Equipment (any ind.)
MODEL MAKER (firearms)
sample maker
PATTERNMAKER APPRENTICE, METAL (found.)
PATTERNMAKER, METAL (found.)
metal patternmaker
SAMPLE MAKER (elec. equip.)

600.281 ASSEMBLER, STEAM-AND-GAS TURBINE (engine & turbine)
leadman, turbine assembly
INSPECTOR, ROUGH CASTINGS (found.)
lay-out man

600.281 Con. MACHINE BUILDER (mach. mfg.; mach. tool & access.)
bench hand
fitter
machinist, bench
vise hand

600.380 FIXTURE MAKER (light. fix.)
Chandelier Maker (light. fix.)
JOB SETTER (mach. shop)
adjuster
all-around set-up man
machine adjuster
machine setter
machine-set-up man
set-up man
tool setter
HEDDLE-MACHINE FIXER (mach. mfg.)
SET-UP MAN (clock & watch)
Pinion-and-Wheel-Cutting Set-Up Man (clock & watch)
SET-UP MAN, PLASTICS (fabric. plastics prod.)
MACHINE SET-UP OPERATOR (mach. shop)
machine operator, all-around
machine operator, general
machinist
set-up operator, machine
BARREL REAMER-RIFLER, SPECIAL (firearms)
SPECIAL-BARREL PROCESSOR (firearms)
MACHINE TRY-OUT MAN (mach. tool & access.)
Honing-Machine Try-Out Man (mach. tool & access.)
MODEL MAKER (inst. & app.)

600.381 LAY-OUT MAN (mach. shop)
PROPELLER LAY-OUT MAN (aircraft mfg.)

600.884 INSTRUMENT-MAKER HELPER (any ind.)

601. **Toolmakers, and Related Occupations**

This group includes occupations concerned with the entire scope of constructing, repairing, maintaining, and calibrating machine-shop tools, jigs, fixtures, instruments, and metal-forming dies.

601.130 TOOL-AND-DIE FOREMAN (mach. shop)

601.280 DIE-MAKER APPRENTICE (mach. shop)
DIE MAKER, DIE-CASTING AND PLASTIC MOLDING (mach. shop)
die-cast-die-and-plastic-mold maker
die-cast-die maker
die maker, plastic molds and die-casting dies
mold maker, plastic molds
plastic-mold-and-die-cast-die maker
plastic-mold maker
Die Repairman, Die-Casting and Plastic Molding (mach. shop)
DIE MAKER, STAMPING (mach. shop)
body-die maker
stamping-die maker
Die Repairman, Stamping (mach. shop)
DIE MAKER, TRIM (mach. shop)
trim die maker
trimmer maker
Die Repairman, Trimmer Dies (mach. shop)

601.280 Con. DIE MAKER, WIRE DRAWING (mach. shop)
Carbide-Die Maker (mach. shop)
Diamond-Die Maker (mach. shop)
DIE SINKER (mach. shop)
forging-die sinker
Die Repairman, Forging (mach. shop)
EDGER MAN (mach. shop)
DIE-TEMPLATE MAKER, EXTRUSION (mach. shop)
extrusion-die template maker
template maker, extrusion die
TAP-AND-DIE-MAKER TECHNICIAN (clock & watch)
TOOL-AND-DIE MAKER (mach. shop)
die-and-tool maker
Tool-and-Die Repairman (mach. shop)
HOROLOGICAL TOOL-AND-DIE MAKER (clock & watch)
TOOL-AND-DIE-MAKER APPRENTICE (mach. shop)
TOOL-MACHINE SET-UP OPERATOR (mach. shop)
all-around-machine-operator
general-machine-tool operator
machine hand
machine operator
machine-tool operator, all-around
machine-tool operator, general
machinist
set-up-operator, tool
tool-machine operator
tool-room machine operator
TOOL MAKER (mach. shop)
Tool Repairman (mach. shop)
PINION-MASTER-FORM-AND-CUTTER MAKER (clock & watch)
SWISS-JIG-BORER-AND-GRINDER TECHNICIAN (clock & watch)
TOOL-MAKER APPRENTICE (mach. shop)

601.281 DIE MAKER, BENCH, STAMPING (mach. shop)
bench die maker
die maker
stamping-die maker, bench
DIE MAKER, FOUR-SLIDE MACHINE (mach. shop)
tool maker, four-slide machine
PROGRESSIVE-DIE MAKER (mach. shop)
transfer-die maker
trans-mat die maker
DIE SINKER, BENCH (mach. shop)
bench hand, blocking and breakdown
benchman, die sinking
die maker, forge
forging die maker
DIE-TRY-OUT MAN, STAMPING (mach. shop)
try-out man
INSPECTOR, GAGE (mach. shop)
gage checker
INSPECTOR, SET-UP AND LAY-OUT MAN (mach. shop)
INSPECTOR, TOOL (mach. shop)
die-and-tool inspector
precision inspector
surface-plate inspector
tool-and-die inspector
tool-and-gage inspector
tool checker

601.281 Con.
tool investigator
GAGE CONTROLLER (clock & watch)
gage inspector
TOOL MAKER, BENCH (mach. shop)
benchman
bench tool maker
Gage Maker (mach. shop)
Jig-and-Fixture Maker (mach. shop)
Tool Repairman, Bench (mach. shop)

601.380 CARBIDE OPERATOR (mach. shop)
CARBIDE-TOOL MAKER (clock & watch)
tool maker, carbide
DIAMOND-TOOL MAKER (clock & watch)
tool maker, diamond

601.381 DIE FINISHER (mach. shop)
die fitter
Punch Finisher (mach. shop)
DIE MAKER (jewelry)
die cutter
hub cutter
Forcer Maker (jewelry)
DIE-MAKER APPRENTICE (jewelry)
die-cutter apprentice
hub-cutter apprentice
DIE POLISHER (wire)
carboloid-die polisher
PLASTIC-FIXTURE BUILDER (mach. tool & access.)
model maker, plastic
plastic duplicator
PLASTIC TOOL MAKER (mach. shop)
SAW MAKER (cut. tools)
saw mechanic
Sawsmith (cut. tools)
TEMPLATE MAKER (any ind.)
Template Maker, Aircraft (aircraft mfg.)
Template Maker, Sheet Metal (any ind.)
Template Maker, Shipbuilding (ship & boat bldg. & rep.)
Template Maker, Structural Steel (any ind.)
BOILERMAKER LOFTSMAN (boilermaking; ship & boat bldg. & rep.)
boilermaker layer-out

601.782 KNIFE GRINDER (woodworking)
cutter-head sharpener
knife-grinder operator
knife-sharpener operator
knife-sharpening-machine operator
tool dresser
tool grinder
tool sharpener
PROFILE-GRINDER TECHNICIAN (clock & watch)
TOOL DRESSER (any ind.)
drill-sharpener operator

601.885 TOOL-DRESSER HELPER (any ind.)

602. **Gear Machining Occupations**
This group includes occupations concerned with shaping metal gears by any combination of milling, turning, planing, abrading, boring, chipping, sawing, or shaving.

602.280 GEAR-CUTTING-MACHINE SET-UP OPERATOR, TOOL (mach. shop)
gear cutter
gear shaper
toolroom gear-machine operator

602.380 GEAR-CUTTING-MACHINE SET-UP OPERATOR (mach. shop)
all-around-gear-machine operator
gear cutter
gear-machine operator, general

602.382 GEAR INSPECTOR (mach. shop)
GEAR ROLLER (mach. shop)
soft-roll-try-out man
GEAR-SORTING-MACHINE OPERATOR (mach. shop)
coding-machine operator
gear-coding-machine operator
inspector, gear sorting

602.782 GEAR-GENERATOR SET-UP OPERATOR, SPIRAL BEVEL (mach. shop)
curved-tooth-gear-generator operator
Gleason-gear-generator
hypoid-gear generator
spiral-gear generator

602.782 Con.
GEAR-GENERATOR SET-UP OPERATOR, STRAIGHT BEVEL (mach. shop)
bevel-gear-generator operator
generator operator, straight bevel gear
Gleason-gear generator
straight-tooth-gear-generator operator
GEAR-HOBBER SET-UP OPERATOR (mach. shop)
hobbing-machine operator
GEAR-LAPPING-MACHINE OPERATOR (mach. shop)
gear finisher
gear nicker
gear-tooth-lapping-machine operator
Gear Burnisher (mach. shop)
GEAR-MILLING-MACHINE SET-UP OPERATOR (mach. shop)
milling-machine operator, gear
GEAR-SHAPER SET-UP OPERATOR (mach. shop)
GEAR-SHAVER SET-UP OPERATOR (mach. shop)
GRINDER, GEAR (mach. shop)
gear grinder
gear-grinding-machine operator
gear-tooth-grinding-machine operator
grinder, hand
GRINDER SET-UP OPERATOR, GEAR, TOOL (mach. shop)
gear-and-spline grinder

602.885 GEAR-CUTTING-MACHINE OPERATOR, PRODUCTION (mach. shop)
hob mill operator
production-gear cutter

603. **Abrading Occupations**
This group includes occupations concerned with smoothing, polishing, or sharpening metal objects by the wearing away action of abrasives or machine files.

603.280 BUFFING-LINE SET-UP MAN (any ind.)
GRINDER OPERATOR, EXTERNAL, TOOL (mach. shop)
cylindrical grinder, tool
external-cylindrical-grinder operator
external grinder, tool
grinder, hand
o.d. grinder, tool
outer-diameter grinder, tool
precision grinder, external
GRINDER OPERATOR, INTERNAL, TOOL (mach. shop)
grinder, hand
i.d. grinder, tool
inner-diameter grinder, tool
internal grinder, tool
internal-grinding-machine hand
internal-grinding-machine operator
precision grinder
GRINDER OPERATOR, SURFACE, TOOL (mach. shop)
grinder, hand
precision grinder, surface
rotary-surface grinder
surface grinder
surface grinder, tool
surface-grinding-machine hand
GRINDER OPERATOR, TOOL (mach. shop)
precision grinder
GRINDER OPERATOR, UNIVERSAL, TOOL (mach. shop)
precision grinder, universal
universal grinder, tool
GRINDER SET-UP OPERATOR, JIG (mach. shop)
grinder, jig
jig grinder
jig-grinding-machine operator
precision jig grinder
GRINDER SET-UP OPERATOR, THREAD TOOL (mach. shop)
precision-thread-grinder operator
thread grinder, tool
TOOL-GRINDER OPERATOR (mach. shop)
cutter grinder
cutter-grinder operator
grinder operator
tool dresser

603.280 Con.
tool grinder
tool-grinding-machine operator
tool sharpener
Broach Grinder (mach. shop)
Drill Sharpener (mach. shop)
Hob Grinder (mach. shop)

603.380 GRINDER SET-UP MAN (mach. shop)
set-up man, grinding machines
HONING-MACHINE SET-UP MAN (mach. shop)
job setter, honing
set-up man, honing

603.782 BARREL POLISHER, INSIDE (firearms)
inside polisher
BUFFING-MACHINE OPERATOR (any ind.)
BUFFING-MACHINE OPERATOR, SILVERWARE (silverware)
CONTACT-LENS-MOLD FINISHER (optical goods)
mold polisher
DEBURRER, STRIP (clock & watch)
GRINDER (clock & watch) I
grinder, watch parts
GRINDER SET-UP OPERATOR, CENTERLESS (mach. shop)
centerless grinder
centerless-grinder operator
centerless-grinding-machine operator
grinder, hand
grinder operator, centerless
GRINDER SET-UP OPERATOR, EXTERNAL (mach. shop)
cylindrical-grinder operator
external grinder
grinder, hand
grinder operator, external
o.d. grinder
outside-diameter grinder
GRINDER SET-UP OPERATOR, INTERNAL (mach. shop)
grinder, hand
i.d. grinder
inside-diameter grinder
internal-grinding-machine hand
internal-grinding-machine operator
GRINDER SET-UP OPERATOR, SURFACE (mach. shop)
grinder, hand
grinder operator, surface
rotary-surface grinder
surface grinder
surface-grinding-machine operator
BLANCHARD GRINDER SET-UP OPERATOR (mach. shop)
Blanchard grinder
Blanchard-surface-grinder operator
grinder, Blanchard
grinder, hand
rotary-surface-grinder, Blanchard
surface grinder, Blanchard
vertical-spindle-rotary-table-surface-grinder operator
HONING-MACHINE OPERATOR, PRODUCTION (mach. shop)
cylinder honer
honer
honing-machine operator, semiautomatic
production-honing-machine operator
HONING-MACHINE SET-UP OPERATOR (mach. shop)
hone operator
honing-machine operator
HONING-MACHINE SET-UP OPERATOR, TOOL (mach. shop)
honing-machine operator, tool
job honer
precision-honing-machine operator
LAPPING-MACHINE SET-UP OPERATOR (mach. shop)
lapping-machine operator
LINTER-SAW SHARPENER (oils & fats)
linter-saw-sharpening-machine operator
saw filer
sharpener

603.782 Con. MIRROR-FINISHING-MACHINE OPERATOR (silverware)
buffing-machine operator, semiautomatic
clair-finishing-machine operator
polishing-machine operator, semiautomatic
NICKING-MACHINE OPERATOR (cut. tools)
nick setter
POLISHING-MACHINE OPERATOR (any ind.)
PRINTING-ROLLER POLISHER (print. & pub.)
603.885 BAND-REAMER-MACHINE OPERATOR (nonfer. metal alloys)
BEARINGNIZER (auto. mfg.)
BEVEL POLISHER (clock & watch) I
polisher, bevel
BEVEL POLISHER (clock & watch) II
BIT SHARPENER (woodworking)
bit grinder
BIT-SHARPENER OPERATOR (mining & quarrying)
bit grinder
BOTTOM POLISHER (elec. equip.)
BRUSH POLISHER (clock & watch)
BURNISHER (clock & watch)
rotary burnisher
BURNISHING-MACHINE OPERATOR (clock & watch)
BURNISHING-PRESS OPERATOR (clock & watch)
BURRER, MACHINE (clock & watch)
burring-machine operator
DEBURRER (needle, pin, & rel. prod.)
wire-brushing-machine operator
FLAT POLISHER (clock & watch)
lap polisher
polisher, flat
GRINDER OPERATOR, AUTOMATIC (cut. tools)
automatic-grinder operator
grinder-and-honer operator, automatic
honer-and-grinder operator, automatic
GRINDER OPERATOR, PRODUCTION (mach. shop)
grinder, hand
production grinder
Centerless-Grinder Operator, Production (mach. shop)
External-Grinder Operator, Production (mach. shop)
Internal-Grinder Operator, Production (mach. shop)
Surface-Grinder Operator, Production (mach. shop)
KNIFE FILER (sugar)
knife router
KNIFE GLAZER (silverware)
LAPPING-MACHINE OPERATOR, PRODUCTION (mach. shop)
micromatic-hone operator
production-lapping-machine operator
BARREL LAPPER (firearms)
lead lapper, barrels
SHOT-GRINDER OPERATOR (ammunition)
SNAILER (clock & watch)
STONER AND POLISHER, BEVEL FACE (clock & watch)
screwhead stoner and polisher
TOOL GRINDER (any ind.) II
grinder man
tool sharpener
Ax Sharpener (any ind.)
Chisel Grinder (any ind.)
Knife Grinder (any ind.)
KNIFE AND SPUR GRINDER (excelsior)
603.886 METAL-TUBE POLISHER (furn.)
POLISHING-MACHINE-OPERATOR HELPER (any ind.)
603.887 SHEAR-GRINDER-OPERATOR HELPER (textile)

604. Turning Occupations

This group includes occupations concerned with shaping metal by the paring or chipping action of rigid cutting tools applied to metal rotating in a lathe.

604.130 FOREMAN, ROLL SHOP (iron & steel)
604.280 ENGINE - LATHE SET - UP OPERATOR, TOOL (mach. shop)
precision-lathe operator
tool-room-lathe operator
604.280 Con. Lathe Set-Up Operator, Large (mach. shop)
SCREW - MACHINE SET - UP MAN, MULTIPLE SPINDLE, JOBBING (mach. shop)
automatic-screw-machine set-up man
bar-machine set-up man, multiple spindle
multiple-spindle-screw-machine set-up man
screw-machine set-up man
SCREW-MACHINE SET-UP MAN, SINGLE SPINDLE, JOBBING (mach. shop)
automatic-screw-machine set-up man
bar-machine set-up man, single spindle
screw-machine set-up man
single-spindle-screw-machine set-up man
SCREW - MACHINE SET-UP OPERATOR, MULTIPLE-SPINDLE, JOBBING (mach. shop)
automatic-screw-machine operator
bar - machine operator, multiple spindle
multiple-spindle-screw-machine operator
screw-machine operator
SCREW-MACHINE SET-UP OPERATOR, SINGLE SPINDLE, JOBBING (mach. shop)
automatic-screw-machine operator
bar-machine operator, single spindle
screw-machine operator
single-spindle-screw-machine operator
TURRET - LATHE SET - UP OPERATOR, TOOL (mach. shop)
Chucking-Machine Set-Up Operator, Tool (mach. shop)
Screw-Machine Set-Up Operator, Tool (mach. shop)
Turret-Lathe Set-Up Operator, Tool, Vertical (mach. shop)
604.380 CHUCKING-MACHINE SET-UP MAN (mach. shop)
chucking-lathe set-up man
CHUCKING-MACHINE SET-UP OPERATOR (mach. shop)
chucking-lathe operator
CHUCKING-MACHINE SET-UP OPERATOR, MULTIPLE SPINDLE, VERTICAL (mach. shop)
bullard operator
continuous-lathe operator
mult-au-matic operator
multi - station - vertical - chucking - lathe operator
LATHE SET-UP MAN (mach. shop)
set-up man, lathes
SCREW-MACHINE SET-UP MAN, PRODUCTION (mach. shop)
automatic - screw - machine set - up man
bar-machine set-up man, production
screw-machine set-up man
SET-UP MAN, AUTOMATIC-SPINNING LATHE (any ind.)
SET-UP MAN, AUTOMATIC-SPINNING-AND-BEADING-LATHE (any ind.)
set-up man, beading lathe, automatic
TURRET-LATHE SET-UP MAN (mach. shop)
TURRET - LATHE SET - UP OPERATOR (mach. shop)
604.782 FOX-LATHE OPERATOR (clock & watch)
PROFILER, BALANCE-WHEEL INSIDE DIAMETER (clock & watch)
balance-wheel profiler
SCREW-MACHINE OPERATOR, MULTIPLE SPINDLE, JOBBING (mach. shop)
automatic-screw-machine operator
bar-machine operator, multiple spindle
multiple-spindle-screw-machine operator
screw-machine operator
604.782 Con. SCREW-MACHINE OPERATOR, SINGLE SPINDLE, JOBBING (mach. shop)
automatic-screw-machine operator
bar-machine operator, single spindle
screw-machine operator
single-spindle-screw-machine operator
SCREW-MACHINE SET-UP OPERATOR, PRODUCTION (mach. shop)
automatic-screw-machine operator
bar-machine operator
screw-machine operator
semiautomatic-screw-machine operator
THREADING-MACHINE OPERATOR (mach. shop)
Bolt - Threading - Machine Operator (mach. shop)
Nipple-Machine Operator (mach. shop)
Pipe - Threading - Machine Operator (mach. shop)
TURNER, AUTOMATIC LATHE (clock & watch)
automatic-lathe operator
Tornos-Machine Operator (clock & watch)
604.885 CUP-TRIMMING-MACHINE OPERATOR (ammunition)
FACING-MACHINE OPERATOR (clock & watch)
Arm Facer, Balance Wheel (clock & watch)
Facer, Balance Wheel (clock & watch)
GRINDER, LAP (clock & watch)
lap grinder
KNURLING-MACHINE OPERATOR (ammunition)
LAP-TRUING - MACHINE OPERATOR (optical goods)
LATHE OPERATOR, PRODUCTION (mach. shop)
automatic-lathe operator
production-lathe operator
KNURLING-MACHINE OPERATOR (pen & pencil)
screw-machine operator
TAPPER (clock & watch) I
tapping-machine operator
RIM-TURNING FINISHER (clock & watch)
finisher, rim turning
SCREW-MACHINE OPERATOR, PRODUCTION (mach. shop)
automatic-screw-machine operator
bar-machine operator, production
screw-machine operator
screw-machine tender
THREADING - MACHINE OPERATOR (ammunition)
604.886 THREADING - MACHINE FEEDER, AUTOMATIC (mach. shop)
WIRE THREADER (clock & watch)

605. Milling and Planing Occupations

This group includes occupations concerned with removing excess metal by the action of a revolving multiple-tooth cutter, thus producing flat or profiled surfaces, grooves, and slots.

605.280 PROFILING-MACHINE SET-UP OPERATOR, TOOL (mach. shop)
duplicator
milling-machine operator, profiling
profiler
profiling-machine operator
tracer - controlled - milling - machine operator
605.380 MILLING-MACHINE SET-UP MAN (mach. shop)
MILLING-MACHINE SET-UP OPERATOR, TOOL (mach. shop)
milling machine hand
precision-milling-machine operator
PLANER-TYPE-MILLING-MACHINE SET-UP OPERATOR (mach. shop)
milling-machine operator
milling planer operator
slab-miller operator
ROTARY-HEAD-MILLING-MACHINE SET-UP OPERATOR (mach. shop)
milling-machine operator, rotary head
605.782 BARREL-RIB MATTER (firearms)

605.782 Con.
BROACHING-MACHINE OPERATOR, PRODUCTION (mach. shop)
broach operator
production broacher
production-broaching-machine operator
BROACHING - MACHINE SET - UP OPERATOR (mach. shop)
broacher
broaching-machine hand
broaching-machine operator
broaching-press operator
broach operator
power broacher
ENGRAVER, TIRE MOLD (mach. shop)
engraver, mold
engraving-machine operator, tire mold
mold engraver, tire
skid-machine operator
tire-mold engraver
KEYSEATING - MACHINE SET - UP OPERATOR (mach. shop)
keyseater
keyseater hand
keyseater operator
keyseating-machine operator
MILLING-MACHINE SET-UP OPERATOR (mach. shop)
milling-machine operator
mill operator
SCALPER OPERATOR (nonfer. metal alloys)
broaching-machine operator
scalp-machine operator
THREAD - MILLING - MACHINE SET - UP OPERATOR (mach. shop)
PANTOGRAPH - MACHINE SET - UP OPERATOR (mach. shop)
pantograph operator
PLANER-SET-UP OPERATOR, TOOL (mach. shop)
planer operator
PROFILING-MACHINE SET-UP OPERATOR (mach. shop)
cam-milling-machine operator
die-sinking-machine operator
Hydro-Tel-operator
Keller operator
profiler
ROUTER OPERATOR (aircraft mfg.)
ROUTER OPERATOR, RADIAL (aircraft mfg.)
SHAPER SET-UP OPERATOR, TOOL (mach. shop)
shaper machine hand
shaper operator
shaping-machine operator
STEEL-WOOL-MACHINE OPERATOR, AUTOMATIC (abrasive & polish. prod.)
TOOTH CUTTER, ESCAPE WHEEL (clock & watch)
WHEEL CUTTER (clock & watch)

605.885
BALANCE RECESSER (clock & watch)
balance-wheel recesser
BARREL RIFLER (firearms)
barrel-rifler operator
Barrel Rifler, Broach (firearms)
Barrel Rifler, Button (firearms)
Barrel Rifler, Hook (firearms)
FILE CUTTER (cut. tools)
HOOKING-MACHINE OPERATOR (clock & watch)
JEWEL STRIPPER (clock & watch)
LEVER MILLER (clock & watch)
MILLING-MACHINE OPERATOR, PRODUCTION (mach. shop)
automatic-milling-machine operator
milling-machine hand
mill operator
production-milling-machine operator
PINION CUTTER (clock & watch)
TOOTH CUTTER, PINIONS (clock & watch)
Bechler-tooth-cutting-machine operator
PLANING-MACHINE OPERATOR (clock & watch)
PROFILING-MACHINE OPERATOR (clock & watch)
recessing machine operator
Hauser - Profiling - Machine Operator (clock & watch)

605.885 Con.
Mikron - Profiling - Machine Operator (clock & watch)
Mikron - Recessing - Machine Operator (clock & watch)
SCRIBING-MACHINE OPERATOR (cut. tools)
SQUARING-MACHINE OPERATOR (clock & watch)
TOOTH CUTTER, CLUTCH (clock & watch)
TOOTH CUTTER, SPUR (clock & watch)
wheel-cutting-machine operator
TOOTH HOBBER (clock & watch)
tooth-hobbing-machine operator

606. Boring Occupations

This group includes occupations concerned with piercing metal by means of rotary cutting tools advanced into the material in the direction of the tool's axis to make, enlarge, or thread holes.

606.280
BORING-MACHINE SET-UP OPERATOR, JIG (mach. shop)
jig-borer
BORING-MILL SET-UP OPERATOR, HORIZONTAL (mach. shop)
horizontal - boring - drilling - and - milling-machine operator
horizontal-boring-mill operator
Lucas-type-boring-mill operator

606.380
DRILL - PRESS SET - UP OPERATOR, MULTIPLE SPINDLE (mach. shop)
drill-press operator
drill - press operator, multiple spindle
gang-drill-press operator
multiple - spindle - drilling - machine operator
DRILL - PRESS SET - UP OPERATOR, RADIAL (mach. shop)
drill-press operator, radial
radial-drill hand
radial-drill-press operator
DRILL - PRESS SET - UP OPERATOR, RADIAL, TOOL (mach. shop)
drill-press operator, radial, tool
radial-drill-press operator, tool
tool-radial-drill-press operator

606.782
BORING-MACHINE OPERATOR (mach. shop)
borematic operator
CONNECTING-ROD BORER (auto. ser.)
connecting-rod borer and straightener
connecting-rod fitter
DRILLER-AND-REAMER, AUTOMATIC (musical inst.)
DRILL-PRESS OPERATOR, PRODUCTION (mach. shop)
drilling-machine operator, production
production-drilling-machine operator
production-drill-press operator
Barrel Reamer (firearms)
Reamer Operator (mach. shop)
Tapper Operator (mach. shop)
DRILL-PRESS OPERATOR, TAPE CONTROL (mach. shop)
tape-control drill-press operator
DRILL-PRESS SET-UP OPERATOR, SINGLE SPINDLE (mach. shop)
drilling-machine operator
drill-press operator
single-spindle-drill-press operator
spindle-drill operator
JIG BORER, TAPE CONTROL (mach. shop)
tape-control jig borer
MAIN-BEARING BORER (auto. ser.)
TAPPER OPERATOR (nut & bolt)

606.885
BALANCE-WHEEL-SCREW-HOLE DRILLER (clock & watch)
driller, balance-wheel-screw holes
BORING-MACHINE OPERATOR (clock & watch)
BORING - MACHINE OPERATOR, PRODUCTION (mach. shop)
production-boring-machine operator
CHAMFERING-MACHINE OPERATOR (ammunition) I
CHAMFERING-MACHINE OPERATOR (ammunition) II
CHOKE REAMER (firearms)

606.885 Con.
COUNTERBORER (clock & watch)
co-borer
DOUBLE-REAMER OPERATOR (nonfer. metal alloys)
Single-Reamer Operator (nonfer. metal alloys)
DRILLING-MACHINE OPERATOR, AUTOMATIC (clock & watch)
REAMER (clock & watch)
TAPPING - MACHINE OPERATOR, AUTOMATIC (clock & watch)

607. Sawing Occupations

This group includes occupations concerned with severing or shaping metal by the reciprocal or rotary cutting action of a saw-toothed or abrasive-edged blade or disk which wears out a kerf.

607.782
CUT-OFF-SAW OPERATOR, METAL (mach. shop)
cut-off man
DO-ALL-SAW OPERATOR (mach. shop)
contour-band-sawing-machine operator
sawing-machine operator
PROFILE TRIMMER (silverware)
profile solder trimmer
SAW OPERATOR (aircraft mfg.)

607.885
SCREW SLOTTER (clock & watch)

607.886
MAGNESIUM-MILL OPERATOR (nonfer. metal alloys)
mill operator

609. Metal Machining Occupations, n.e.c.

This group includes occupations, not elsewhere classified, concerned with shaping metal parts or products by removing excess material from stock or objects.

609.130
AUTOMATICS FOREMAN (clock & watch)
FOREMAN (plumb. supplies)
JOBMASTER (clock & watch)
Jobmaster, Balance Assembly (clock & watch)
Jobmaster, Hairspring Manufacture (clock & watch)
Jobmaster, Metal-Dial Manufacture (clock & watch)
MACHINE-SHOP FOREMAN, PRODUCTION (mach. shop)
PRESS-HAND SUPERVISOR (jewelry)
power-press supervisor
tool setter
SCREW FOREMAN (clock & watch)

609.131
FOREMAN, MOLD MAKING (glass mfg.)
FOREMAN, MOLD SHOP (glass mfg.)
INSPECTION FOREMAN (mach. shop)
inspector, chief
quality control foreman

609.132
SLAB-CONDITIONER FOREMAN (nonfer. metal alloys)

609.137
FILING-AND-POLISHING FOREMAN (fireworks)
polishing and filing foreman

609.280
GUNSMITH, BALLISTICS LABORATORY (ammunition)
MECHANICAL TECHNICIAN, LABORATORY (clock & watch)

609.380
ENGINE-LATHE SET-UP OPERATOR (mach. shop)
bench-lathe operator
lathe hand
Tracing-Lathe Set-Up Operator (mach. shop)
METAL SPRAYER, MACHINED PARTS (any ind.)
flame-spray operator
metallizer, machined parts
metal-spray operator
Thermospray Operator (any ind.)
THREADING-MACHINE SET-UP MAN (mach. shop)
set-up man, threading machine
TURBINE-BLADE ASSEMBLER (engine & turbine)

609.381
INSPECTOR, FLOOR (mach. shop)
roving inspector
PROPELLER INSPECTOR (ship & boat bldg. & rep.)
TURBINE INSPECTOR (engine & turbine)
TURBINE SUBASSEMBLER (engine & turbine)

609.382
INSPECTOR, MAGNETIC (mach. shop)
magnaflux operator
steelscope operator

609.484
INSPECTOR, COLD WORKING (firearms)

609.587 BALL SORTER (mach. mfg.)
ball checker-gager
609.684 INSPECTOR, GENERAL (any ind.)
bench inspector
floor inspector
gager
Booster Inspector (ammunition)
Carburetor Inspector (auto. mfg.)
Connecting - Rod Inspector (mach. shop)
Piston-Ring Inspector (mach. mfg.)
Sheet-Steel Inspector (mach. shop)
Thermostat Inspector (any ind.)
609.782 AUTOMATIC-WHEEL-LINE OPERATOR (mach. shop)
BALANCING-MACHINE OPERATOR (any ind.)
balancer, dynamic
dynamic balancer
COLLET MAKER (clock & watch)
CROOK OPERATOR (musical inst.)
ELECTRICAL-DISCHARGE-MACHINE OPERATOR, PRODUCTION (mach. shop)
elox operator, production
production electrical-discharge-machine operator
ELECTRICAL-DISCHARGE-MACHINE SET-UP OPERATOR (mach. shop)
elox-machine operator
GRINDER SET-UP OPERATOR, THREAD (mach. shop)
grinder operator, thread
thread grinder
MACHINE OPERATOR, CENTRIFUGAL-CONTROL SWITCHES (elec. equip.)
governor assembler
MULTI-PURPOSE MACHINE OPERATOR, TAPE CONTROL (mach. shop)
tape-control multi-purpose machine operator
Milwaukee-Matic Operator (mach. shop)
SCREWMAKER, AUTOMATIC (clock & watch)
screw-machine operator, automatic
STRAIGHT-PIN-MAKING-MACHINE OPERATOR (needle, pin. & rel. prod.)
pinmaker
TAPE - CONTROL MACHINE OPERATOR (mach. shop)
numerical-control machine operator
609.884 LABORER, GENERAL (mach. shop)
Brass Reclaimer (mach. shop)
Gear Cleaner (mach. shop)
Lapper, Hand (mach shop.)
Oil Extractor (mach. shop)
Sorter (mach. shop)
Tool Marker (mach. shop)
609.885 ENGRAVER, AUTOMATIC (clock & watch)
FEEDER, MULTI-PURPOSE MACHINE (typewriters & parts)
MILLISKEENER (clock & watch)
PRODUCTION-MACHINE OPERATOR (mach. shop)
all-around-machine operator
machine hand
machine operator, general
machine-tool operator, all-around
machinist
miscellaneous-machine operator
TRANSFER-MACHINE OPERATOR (mach. shop)
automatic-transfer-machine operator
TRIM-MACHINE OPERATOR (ammunition)
cut-off machine operator
shell-trim operator
trim and burr operator
TURRET-LATHE OPERATOR, TUMBLE TAILSTOCK (clock & watch)

61 **METALWORKING OCCUPATIONS, N.E.C.**
This division includes occupations, not elsewhere classified, concerned with shaping and conditioning metal by rolling, forging, extruding, drawing out, punching, blanking, and press working.

610. **Hammer Forging Occupations**
This group includes occupations concerned with heating metal in a forge and hammering it into desired shape with a hand or power hammer (includes drop forging).

610.381 BLACKSMITH (forging)
anvil smith
Blacksmith, Farm (agric.)
Special-Trackwork Blacksmith (r.r. trans.)
Tool-Dresser (forging)
BLACKSMITH APPRENTICE (forging)
610.782 DROP-HAMMER OPERATOR (forging)
blacksmith, hammer operator
blacksmith, machine
drop forger
drop hammerman
hammerman
hammer operator
hammer runner
power hammerman
power-hammer operator
Board-Drop-Hammer Operator (forging)
Restrike-Hammer Operator (forging)
Steam-Hammer Operator (forging)
IMPACT-HAMMER OPERATOR (forging)
dual-action-hammer operator
impactor operator
610.884 BLACKSMITH HELPER (forging)
striker
SPRING SALVAGE MAN (spring)

611. **Press Forging Occupations**
This group includes occupations concerned with heating metal in a forge and shaping it by means of a press.

611.782 FORGING-PRESS OPERATOR (forging) I
die-machine operator
forging-machine operator
ROLLER-MACHINE OPERATOR (spring)
roller operator
STEEL-SHOT-HEADER OPERATOR (ammunition)
UPSETTER (forging)
611.885 FORGING-PRESS OPERATOR (forging) II
press hand
press operator
Coining-Press Operator (forging)
Twisting-Press Operator (forging)
HYDRAULIC OPERATOR (nonfer. metal alloys)
hydraulic-corrugating-machine operator

612. **Forging Occupations, n.e.c.**
This group includes occupations, not elsewhere classified, concerned with shaping and conditioning metal. Includes shaping without benefit of heat by such means as machines equipped with rollers.

612.130 SPIKEMAKING FOREMAN (nail)
foreman, spikemaking
612.131 FORGE-SHOP FOREMAN (forging)
Hammer-Shop Foreman (forging)
Inspection Foreman (forging)
612.281 INSPECTOR (forging)
Inspector, Hot Forgings (forging)
612.380 DIE SETTER (forging)
die setter, drop hammer
die-set-up man
forging-machine set-up man
job setter
set-up man, forging
612.381 HEAVY FORGER (forging)
Hammersmith (forging)
Press Smith (forging)
612.782 BOLT-MACHINE OPERATOR, AUTOMATIC (nut & bolt)
BUCKSHOT-SWAGE OPERATOR (ammunition)
FORGING-ROLL OPERATOR (forging)
roll-forger
roll-forging operator
rolling-machine operator
HEADER-MACHINE OPERATOR (forging)
header man
header operator
upsetter operator, automatic
Bolt-Machine Operator (forging)
Cold-Header Operator (forging)
Rivet Maker (forging)
Slitter-Machine Operator (forging)
MANIPULATOR OPERATOR (forging)
charging manipulator
NUT FORMER (nut & bolt)
SPIKE-MACHINE OPERATOR (nail)
612.885 LEVERMAN (forging)
Forging-Press Leverman (forging)
Hammer Driver (forging)
SPRING TESTER (spring) I
612.886 SPIKE-MACHINE FEEDER (nail)
612.887 HEAVY-FORGER HELPER (forging)
Hammersmith Helper (forging)
Press-Smith Helper (forging)

613. **Sheet and Bar Rolling Occupations**
This group includes occupations concerned with shaping, reducing the cross sectional area, and elongating metal pieces by passing them between smooth-surfaced or circumferentially grooved rotating rolls which exert a continuous compressive force. Includes rolling wire from billets and rods.

613.130 FOREMAN, BLOOMING MILL (iron & steel)
FOREMAN, MERCHANT-MILL ROLLING AND FINISHING (iron & steel)
roller, merchant mill
FOREMAN, STRUCTURAL ROLLING-AND-FINISHING (iron & steel)
roller, structural mill
Roller, Plate Mill (iron & steel)
613.132 FOREMAN, HOT-STRIP MILL (iron & steel)
613.380 ROLL-FORMING-MACHINE SET-UP MAN (any ind.)
TIN ROLLER, HOT MILL (iron & steel)
613.381 GUIDE SETTER (iron & steel)
613.687 MILL HAND, PLATE MILL (iron & steel)
613.780 ROLL-TUBE SETTER (iron & steel)
roll setter
roll setter, pipe mill
613.782 COILER OPERATOR (iron & steel)
COLD-MILL OPERATOR (iron & steel)
Reversing-Mill Roller (iron & steel)
Tandem-Mill Roller (iron & steel)
Temper-Mill Roller (iron & steel)
FINISHER (iron & steel)
Finisher, Cold Rolling (iron & steel)
Finisher, Hot Strip (iron & steel)
Finisher, Merchant Products (iron & steel)
Finisher, Plate (iron & steel)
FURNACE OPERATOR (nonfer. metal alloys)
soaking pit operator
HEATER (iron & steel)
MANIPULATOR (iron & steel)
Mill OPERATOR, ROLLS (any ind.)
PIERCING-MACHINE OPERATOR (nonfer. metal alloys)
piercer operator
REELING-MACHINE OPERATOR (iron & steel)
reeler operator
ROLLER (jewelry)
ROLLER, PRIMARY MILL (iron & steel)
Roller, Billet Mill (iron & steel)
Roller, Blooming Mill (iron & steel)
Roller, Slabbing Mill (iron & steel)
ROLLING ATTENDANT (iron & steel)
ROLLING-MILL OPERATOR (nonfer. metal alloys)
Cold-Mill Operator (nonfer. metal alloys)
Hot-Mill Operator (nonfer. metal alloys)
Tandem-Mill Operator (nonfer. metal alloys)
ROUGHER (iron & steel)
bulldogger
Rougher, Bar Mill (iron & steel)
Rougher, Hot-Strip Mill (iron & steel)
Rougher, Merchant Mill (iron & steel)
ROUGHER OPERATOR (iron & steel)
SCREWDOWN OPERATOR (iron & steel)
finisher, screwdown
SPEED OPERATOR (iron & steel)
STRAIGHTENING-ROLL OPERATOR (any ind.)
mangle roll operator
straightening-machine operator
Bar-Straightening-Machine Operator (any ind.)
Plate Roller (any ind.)
Wire-Straightening-Machine Operator (any ind.)
STRIP ROLLER (spring)
finish roller
gage roller

613.782 Con. TABLE OPERATOR (iron & steel; nonfer. metal alloys)
leverman, table
tableman
Approach-Table Operator (iron & steel; nonfer. metal alloys)
Delivery-Table Operator (iron & steel; nonfer. metal alloys)
Tilting-Table Operator (iron & steel)
Transfer-Table Operator (iron & steel)

613.885 BED OPERATOR (iron & steel)
hotbed leverman
hotbed operator
hotbed transfer operator
COILER (iron & steel; nonfer. metal alloys)
blocker
coiler operator
slitting-machine coiler
HEATER HELPER (iron & steel)
PIERCING-MILL OPERATOR (iron & steel)
ROLLER-LEVELER OPERATOR (iron & steel)
ROLLING-MILL OPERATOR HELPER (nonfer. metal alloys)
TUBING-MACHINE OPERATOR (iron & steel; nonfer. metal alloys)

613.886 CATCHER (iron & steel)
strander

613.887 LINER ASSEMBLER (nonfer. metal alloys)
PLUGGER (iron & steel)
ballman
rolling-mill plugger

614. Extruding and Drawing Occupations
This group includes occupations concerned with producing rods, tubes, and various solid and hollow sections by forcing hot metal through a die by such means as rams.

614.131 FOREMAN, DRAWING (iron & steel; nonfer. metal alloys; wire)
Rod-Drawing Foreman (iron & steel; nonfer. metal alloys)
Tube-Drawing Foreman (iron & steel; nonfer. metal alloys; wire)
Wire-Drawing Foreman (iron & steel; nonfer. metal alloys; wire)

614.132 FOREMAN, EXTRUSION (forging)
extrusion foreman
extrusion-press foreman
foreman, metal extrusion
metal-extrusion foreman
press foreman, metal extrusion

614.782 DRAW-BENCH OPERATOR (any ind.)
DRAW-BENCH OPERATOR (iron & steel; nonfer. metal alloys) I
EXTRUDER OPERATOR (forging)
extrusion-press operator
pressman
EXTRUSION-PRESS OPERATOR (elec. equip.) I
FANCY-WIRE DRAWER (jewelry) II
LEAD-PRESS OPERATOR (rubber goods)
TUBE DRAWER (iron & steel; nonfer. metal alloys)
draw-bench operator
seamless-tube drawer
WIRE DRAWER (clock & watch)
WIRE DRAWER (wire)
wire-draw operator
Fine-Wire Drawer (wire)

614.884 TESTER OPERATOR (nonfer. metal alloys)
breaker
breaker operator
nicker and breaker

614.885 DIE HOLDER (forging)
EXTRUDING-PRESS OPERATOR (ammunition)
EXTRUSION-PRESS OPERATOR (elec. equip.) II
REDUCING-MACHINE OPERATOR (optical goods)
WIRE-DRAWING-MACHINE TENDER (wire)

614.886 DRAW-BENCH-OPERATOR HELPER (nonfer. metal alloys)
push-bench-operator helper
tube-draw helper
HOPPER MAN (elec. equip.)
wire charger
LEAD-PRESS-OPERATOR HELPER (rubber goods)
lead-on man

614.886 Con. TESTER-OPERATOR HELPER (nonfer. metal alloys)

615. Punching and Shearing Occupations
This group includes occupations concerned with making holes in metal by cutting out a circular wad under pressure from a die whose hole is slightly larger than the diameter of the punch; and cutting or shearing metal by the action of a keen-edged cutting tool.

615.130 FOREMAN (cut. tools)

615.380 SHEAR-SET-UP MAN (any ind.)

615.782 BURRING-MACHINE OPERATOR (nut & bolt)
DUPLICATOR-PUNCH OPERATOR (any ind.)
FLYING-SHEAR OPERATOR (iron & steel)
flying-shear-and-guide operator
IRONWORKER-MACHINE OPERATOR (any ind.)
universal - iron - working - machine operator
PUNCH-PRESS OPERATOR (any ind.) I
Draw-Press Operator (any ind.)
Forming-Press Operator (any ind.)
Hinge Cutter (hardware)
Multiple-Punch-Press Operator (any ind.)
Stretching-Press Operator (any ind.)
HOOP-PUNCH OPERATOR (cooperage)
end-punch operator
hoop puncher
PUNCH-PRESS OPERATOR, AUTOMATIC (any ind.)
PUNCH-PRESS OPERATOR (any ind.) III
punch-operator
Notching-Press Operator (any ind.)
ROTARY-SHEAR OPERATOR (any ind.)
circular-shear operator
ring-shear operator
SHEAR OPERATOR (any ind.) I
plate-shear operator
power-shear operator
shearman
Gate-Shear Operator (any ind.)
Square-Shear Operator (any ind.)
Staple-Shear Operator (nail)
ANGLE-SHEAR OPERATOR (any ind.)
SHEAR OPERATOR, AUTOMATIC (any ind.) I
automatic-shear operator
shear-to-length operator
Multiple-Shear Operator (any ind.)
SLITTING-MACHINE OPERATOR (any ind.) II
TURRET-PUNCH-PRESS OPERATOR (any ind.)
multi-punch operator

615.885 CLEARANCE CUTTER (clock & watch)
CUT-OFF-MACHINE OPERATOR (ammunition) I
NIBBLER OPERATOR (any ind.)
nibbling-machine operator
SHEAR OPERATOR (any ind.) II
power-shear operator
shearman
Alligator-Shear Operator (any ind.)
Gate-Shear Operator (any ind.)
Hot-Billet-Shear Operator (iron & steel; ore dress., smelt., & refin.)
Scrap-Shear Operator (any ind.)
Square-Shear Operator (any ind.)
STRIP - METAL - PUNCH - AND - STRAIGHTENER OPERATOR (wood. box)
TURRET - PUNCH - PRESS OPERATOR, TAPE - CONTROL (any ind.)

615.886 HOOP-PUNCH OPERATOR HELPER (cooperage)

615.887 TIN STACKER (tinware)

616. Fabricating Machine Occupations
This group includes occupations concerned with shaping, fitting, and assembling metal parts.

616.130 FOREMAN (nut & bolt)
FOREMAN, LEAF-SPRING PRODUCTION (spring)
Foreman, Forming - and - Tempering (spring)
Foreman, Leaf - Spring Fabrication (spring)
Foreman, Leaf - Spring Repair (spring)
FOREMAN, SPECIALITY MANUFACTURING (iron & steel)

616.130 Con. FOREMAN, STEEL DIVISION (matt. & bedspring)
Coil-Machine Foreman (matt. & bedspring)
Spring-Assembler Foreman (matt. & bedspring)

616.280 EMBOSSING TOOLSETTER (ammunition)
SPRING - COILING - MACHINE SET - UP MAN (spring)
coiler set-up man

616.380 FOUR - SLIDE - MACHINE SET - UP MAN (any ind.)
slide-forming-machine set-up man
LOOM SETTER, WIRE WEAVING (wirework)
wire loom set-up man
Loom Setter, Fourdrinier (wirework)
MACHINE OPERATOR (any ind.) I
fabricating-machine operator
metal fabricator
SHEET - METAL - FABRICATING - MACHINE OPERATOR (any ind.)
MULTI - OPERATION - FORMING - MACHINE OPERATOR (any ind.) I
Tubing-Mill Operator (any ind.)
SET-UP MAN (any ind.) I
heavy plate set-up man
job setter
machine setter
Brake Set-Up Man (any ind.)
SET-UP MAN, SHEET METAL (any ind.)
die setter
job setter
machine setter
SPRING MAKER (spring) I
WELDER, PIPE MAKING (iron & steel)

616.381 SPRING INSPECTOR (spring) I

616.484 TRUER (spring)

616.685 CHAIN-TESTING-MACHINE OPERATOR (forging)
LOAD TESTER (spring)

616.780 BODY-MAKER MAINTENANCE MAN (tinware)
NAIL-MAKING-MACHINE SET-UP MAN (nail)
nail-machine operator
SHOTGUN-SHELL-ASSEMBLY-MACHINE ADJUSTER (ammunition)
assembly-machine tool setter
heading-and-priming tool setter
SPADE-WINDING-MACHINE ADJUSTER (electronics)
STRAIGHT-LINE-PRESS SET-UP MAN (ammunition)
assembly-machine toolsetter
tracer-bullet assembly-machine toolsetter
TRIM-MACHINE ADJUSTER (ammunition)
shell-trim toolsetter

616.782 ARBOR-PRESS OPERATOR (any ind.) I
floor-press operator
Bearing-Press-Machine Operator (loco. & car bldg. & rep.)
Cylinder - Block - Hole Reliner (auto. ser.)
Wheel-Press Operator (loco. & car bldg. & rep.)
TRACK REPAIRMAN (const.) I
hydraulic-press operator
BALE-TIE-MACHINE OPERATOR (wirework)
wire-loop-machine operator
BARBED-WIRE-MACHINE OPERATOR (wirework)
CAGE MAKER, MACHINE (conc. prod.)
CRIMPING-MACHINE OPERATOR (any ind.)
Zig - Zag - Spring - Machine Operator (wirework)
FABRIC-MACHINE OPERATOR (matt. & bedspring) I
link-wire-fabric-machine operator
FENCE-MAKING-MACHINE OPERATOR (wirework)
KICK-PRESS OPERATOR (any ind.) I
assembler, press operator
bench-press operator
foot-press operator
toggle-press operator
NAIL-ASSEMBLY-MACHINE OPERATOR (nail)
SAFETY-PIN-ASSEMBLING-MACHINE OPERATOR (needle, pin, & rel. prod.)

616.782 Con. STRANDING-MACHINE OPERATOR (elec. equip.; insulated wire; wirework)
cable-machine operator
cabling-machine operator
strander operator
strand-machine operator
Closer (wirework)
Strand Buncher, Fine Wire (elec. equip.)
WIRE WEAVER, CLOTH (wirework)
wire weaver, Fourdrinier

616.885 BENCH-LOOM WEAVER (wirework)
BENCH WORKER (spring)
Automatic - Coil - Winding - Machine Operator (spring)
Double-End-Production Grinder (spring)
CHAIN-FORMING-MACHINE OPERATOR (forging)
CLINCHING-MACHINE OPERATOR (elec. equip.)
COIL ASSEMBLER, MACHINE (matt. & bedspring)
automatic-coil-machine operator
coil tier
finisher
helical-construction tier
mattress-spring weaver
spring-assembly-machine operator
spring-machine operator
FABRIC-MACHINE OPERATOR (matt. & bedspring) II
link-fabric-machine operator
link-wire-fabric-machine tender
FILAMENT MAKER (electronics)
beater maker
sleeve-filament former
spade-winding-machine operator
HEDDLE-MACHINE OPERATOR (mach. mfg.)
METAL-SPONGE-MAKING-MACHINE OPERATOR (nonfer. metal alloys)
MULTI-OPERATION FORMING-MACHINE OPERATOR (any ind.) II
forming-mill operator
rolling-mill operator
Body Maker (tinware)
Tubing-Mill Operator (any ind.)
PAPERBACK-MACHINE OPERATOR (wirework)
weaving-machine operator
POCKET-MACHINE OPERATOR (matt. & bedspring)
pocketed-spring-machine operator
RIVETER (light. fix.)
riveting-hammer operator
RIVETING-MACHINE OPERATOR (furn.)
machine riveter
rivet-hammer-machine operator
Cradle-Slide Maker (furn.)
SCROLL-MACHINE OPERATOR (struct. & ornam. metalwork)
SIDE-SEAM TENDER (tinware)
SLAT TWISTER (matt. & bedspring)
SPIRAL SPRING WINDER (spring)
recoil spring winder
Hairspring Winder (spring)
SPRING COILER (spring)
coil-machine operator
SWAGER OPERATOR (pen & pencil)
SWEEP-PRESS OPERATOR (clock & watch)
TENSIONING-MACHINE OPERATOR (conc. prod.)
WIRE COINER (needle, pin, & rel. prod.)
WIRE-SCREEN WEAVER, MACHINE (wirework)
SPIRAL WEAVER (wirework)
ZIPPER CUTTER (needle, pin, & rel. prod.)

616.887 STRANDING-MACHINE-OPERATOR HELPER (wirework)
cable-mill helper
WIRE-WEAVER HELPER (wirework)
loom helper
row man

617. **Forming Occupations, n.e.c.**
This group includes occupations, not elsewhere classified, concerned with shaping metal by the application of machine pressure.

617.280 PRESS OPERATOR, HEAVY DUTY (any ind.)
bending-press operator
bull-press operator
hydraulic-press operator
toggle-press operator

617.280 Con. BULLDOZER OPERATOR (any ind.) II
hydraulic pressure bender
DISHING-MACHINE OPERATOR (any ind.)
bumping-machine operator

617.380 BRAKE OPERATOR (any ind.) I
power-brake operator
press-brake operator
BRAKE OPERATOR, HEAVY DUTY (any ind.)
BRAKE OPERATOR, SHEET METAL (any ind.) I
power-brake operator

617.780 SET-UP MAN (iron & steel; nonfer. metal alloys)
SET-UP MAN, KICK PRESS (button)
tool setter
SWAGING-MACHINE ADJUSTER (ammunition)
bullet-swaging-machine adjuster
swage toolsetter

617.782 BARREL-DE-DENTING-MACHINE OPERATOR (malt liquors)
barrel de-denter
de-dent-machine operator
BENDING-MACHINE OPERATOR (any ind.) I
Pipe-Bending-Machine Operator (const.)
Rod-Bending-Machine Operator (any ind.)
Tube-Bending-Machine Operator (any ind.)
BUMPER OPERATOR (aircraft mfg.)
hammer operator
planishing-hammer operator
pneumatic-hammer operator
power hammerman
power-hammer operator
sheet-metal finisher
sheet-metal smoother
skin bumper
smoother
smoothing-hammer operator
trip-hammer operator
EMBOSSING-MACHINE OPERATOR (nonfer. metal alloys)
FORMING-ROLL OPRATOR (any ind.) I
BEADING-MACHINE OPERATOR (any ind.) I
beader operator
FORMING-ROLL OPERATOR, HEAVY DUTY (any ind.)
HOBBING-PRESS OPERATOR (any ind.)
ROLL-FORMING-MACHINE OPERATOR (any ind.) I
SPRING FORMER, MACHINE (spring)
spring bender
spring maker
submarine operator
STRAIGHTENING-PRESS OPERATOR (any ind.)
straightener
Barrel Straightener (firearms) II
Crankshaft Straightener (auto. mfg.)
Gear Straightener (auto. mfg.)
TUBE BENDER, BRASS-WIND INSTRUMENTS (musical inst.)

617.885 BELLING-MACHINE OPERATOR (iron & steel)
expanding-machine operator
Aetna-Belling-Machine Operator (iron & steel)
BENDING-MACHINE OPERATOR (any ind.) II
Rod-Bending-Machine Operator (any ind.)
Tube-Bending-Machine Operator (any ind.)
CORNER FORMER (wood. box)
KNITTER, WIRE MESH (wirework)
knitting-machine operator
KNURLING-MACHINE OPERATOR (needle, pin, & rel. prod.)
NAIL-MAKING-MACHINE TENDER (nail)
POWER-PRESS TENDER (any ind.)
Cork Blocker (cork prod.)
Gasket Cutter (cork prod.)
Punch-Press Operator (any ind.) IV
Stamping-Press Operator (any ind.) II
Turning-Machine Operator (any ind.)
PUNCH-PRESS OPERATOR (any ind.) II
Draw-Press Operator (any ind.)
Fin-Machine Operator (auto. mfg.)
Forming-Press Operator (any ind.) II
Multiple-Punch-Press Operator (any ind.)

617.885 Con. Sprue-Cutting-Press Operator (found.)
HALF-HEAD AND STAMP-PRESS OPERATOR (ammunition)
SWAGER AND PIERCER (clock & watch)
TRIMMING-PRESS OPERATOR (forging)
Cold-Trimming-Press Operator (forging)
Hot-Trimming-Press Operator (forging)
RIPPER (furn.)
ROLL-FORMING-MACHINE OPERATOR (any ind.) II
SINTERING-PRESS OPERATOR (iron & steel; nonfer. metal alloys)
briquette-press operator
coining-press operator
compact-press operator
SWAGING-MACHINE OPERATOR (ammunition)
bullet-swaging-machine operator
forming-machine operator

617.886 HOOP COILER (cooperage)
hoop-rolls operator

619. **Miscellaneous Metalworking Occupations, n.e.c.**
This group includes occupations, not elsewhere classified, concerned with shaping and conditioning metal by such means as rolling, forging, extruding, blanking, and pressworking.

619.130 COIL-WINDING FOREMAN (electronics)
foreman, multiple winding
COIN-MACHINE FOREMAN (coin mach.)
FOREMAN, ASSEMBLY DEPARTMENT (struct. & ornam. metalwork)
FOREMAN, COLD ROLLING (iron & steel)
Foreman, Cleaning-and-Annealing (iron & steel)
FOREMAN, CONTINUOUS-WELD-PIPE MILL (iron & steel)
rolling foreman, continuous-pipe mill
FOREMAN, HOT-WOUND SPRING PRODUCTION (spring)
foreman, coil springs
FOREMAN, LINE (any ind.)
machine foreman
Lay-Out Foreman (any ind.)
Machine-Operations Foreman (any ind.)
Metal-Spinning Foreman (any ind.)
Punch-Press Foreman (any ind.)
Roll-Forming Foreman (any ind.)
FOREMAN, PIPE FINISHING (iron & steel)
finishing foreman, weld-pipe continuous
FOREMAN, PUNCH-AND-ASSEMBLY DEPARTMENT (elec. equip.)
core-assembly foreman
FOREMAN, SET-UP MAN (any ind.)
FOREMAN, WIRE-ROPE FABRICATION (wirework)
Closing Foreman (wirework)
Splicing Foreman (wirework)
Spooling Foreman (wirework)
Stranding Foreman (wirework)
Swaging-and-Plastic Foreman (wirework)
HEAD WELDER, ELECTRIC-WELD PIPER MILL (iron & steel)
HYDRAULIC-PRESSURE-AUTO-FRETTAGE-MACHINE-OPERATOR FOREMAN (firearms)
cold-working foreman
STRUCTURAL-MILL FOREMAN (nonfer. metal alloys)

619.131 MACHINING-AND-ASSEMBLY FOREMAN (elec. equip.)
foreman, floor assembly
SHOP FOREMAN (struct. & ornam. metalwork)
SHRINK-PIT FOREMAN (firearms)

619.132 FOREMAN, FINISHING-AND-SHIPPING (iron & steel)
FOREMAN, PLATE HEATING-ROLLING-AND-FINISHING (iron & steel)
LEAD-SECTION FOREMAN (ammunition)
SHEET-MILL FOREMAN (nonfer. metal alloys)
Cold-Mill Foreman (nonfer. metal alloys)
Hot-Mill Foreman (nonfer. metal alloys)
SHELL-SHOP FOREMAN (ammunition)

619.134 FOREMAN, CONDITIONING YARD (iron & steel)

619.137 MACHINE-ADJUSTER LEADER (ammunition)
adjuster leader
leader
Machine-Adjuster Leader, Bullet Assembly (ammunition)
Machine-Adjuster Leader, Cannelure and Finish (ammunition)
Machine-Adjuster Leader, Case Trim (ammunition)
Machine-Adjuster Leader, Primer Assembly (ammunition)

619.280 NEEDLEMAKER (needle, pin, & rel. prod.)
ORNAMENTAL-METAL WORKER (fabric. metal prod., n.e.c.)
art-metal worker
Ecclesiastical-Art-Metal Worker (fabric. metal prod., n.e.c.; silverware)
ORNAMENTAL - METAL - WORKER APPRENTICE (fabric. metal prod., n.e.c.; struct. & ornam. metalwork)
art-metal-worker apprentice
ornamental - metal - fabricator apprentice
SPRING-MANUFACTURING SET-UP TECHNICIAN (clock & watch)

619.281 CASTING REPAIRMAN (any ind.)
INSPECTOR, METAL FABRICATING (any ind.)
plate and weld inspector
plate-shop inspector
structural inspector
Lay-Out Inspector (any ind.)
Machine-Operations Inspector (any ind.)
Template Inspector (any ind.)

619.380 DRIVEMATIC-MACHINE OPERATOR (any ind.)
GRID-MACHINE JOB SETTER (electronics)
grid mechanic
METAL FABRICATOR (any ind.) I
BOILERMAKER (boilermaking) II
boilermaker, shop
ORNAMENTAL-METAL WORKER (struct. & ornam. metalwork)
wrought-iron worker
METAL-FABRICATOR APPRENTICE (any ind.)
ironworker apprentice, shop
structural-metal-fabricator apprentice
MULTI-OPERATION-FORMING-MACHINE SET-UP MAN (any ind.)
Production Mechanic, Tin Cans (tinware)
Rim-Roller Set-Up Man (auto. mfg.)
Tubing-Mill Set-Up Man (any ind.)
PUNCH-PRESS SET-UP MAN (any ind.)
die-set-up man
SPRING REPAIRMAN, HAND (auto. ser.)
automobile-spring repairer

619.381 FORMER, HAND (any ind.)
Tool Bender, Hand (any ind.)
INSPECTOR (iron & steel)
product inspector
steel inspector
Axle Inspector (iron & steel)
Billet Inspector (iron & steel)
Cold-Mill Inspector (iron & steel)
Finishing Inspector (iron & steel)
Hot-Roll Inspector (iron & steel)
Hot-Strip-Mill Inspector (iron & steel)
Plate Inspector (iron & steel)
Rail Inspector (iron & steel)
Tubing Inspector (iron & steel)
Wheel Inspector (iron & steel)

619.384 INSPECTOR (nonfer. metal alloys) I

619.387 SALVAGE MAN (nonfer. metal alloys)

619.782 BELL SPINNER (musical inst.)
Bell Spinner, Sousaphones (musical inst.)
BULLET-GROOVING-SIZING-AND-LUBRICATING-MACHINE OPERATOR (ammunition)
COUPLING-MACHINE OPERATOR (iron & steel)
FISHING-ACCESSORIES MAKER (sports equip.)
FITTINGS FINISHER (plumb. supplies)
lead fabricator
FOUR-SLIDE-MACHINE OPERATOR (any ind.) I
slide-forming-machine operator

619 782 Con. HEATER (forging)
feeder
furnace feeder
furnaceman
furnace operator
furnace tender
hammer heater
heater, furnace
slug-furnace operator
HOOP BENDER, TANK (cooperage)
hoop-bending-machine operator
HOOP-FLARING-AND-COILING-MACHINE OPERATOR (cooperage)
coiler
flarer
HOOP MAKER, MACHINE (cooperage)
Hoop-Flaring-Machine Operator (cooperage)
Hoop - Punch-and - Coiler Operator (cooperage)
Hoop - Riveting - Machine Operator (cooperage)
HYDRAULIC-PRESSURE-AUTO-FRETTAGE-MACHINE OPERATOR (firearms)
cold worker
cold-working foreman
cold-work operator
hpaf operator
LATHE WINDER (spring)
coiler
Flexible-Shaft Winder (spring)
Spring Coiler, Hand (spring)
ROLL OPERATOR (any ind.) I
bending-roll operator
roll former
Vertical-Roll Operator (any ind.)
ANGLE-ROLL OPERATOR (any ind.)
FLANGING-ROLL OPERATOR (any ind.)
ROLL OPERATOR, SHEET METAL (any ind.)
forming-machine operator
ROLL-THREADER OPERATOR (nut & bolt)
SAMPLER, FIRST (ore dress., smelt., & refin.)
SEAMLESS-TUBE ROLLER (iron & steel)
rotary-bar operator
seamless-tube-mill operator
tube roller
SHRINK-PIT OPERATOR (firearms)
pyrometer operator
SPINNER (jewelry)
SPINNER, HAND (any ind.)
metal spinner
sheet-metal spinner
spinning-lathe operator
SPINNER, HYDRAULIC (any ind.)
spinning-lathe operator, hydraulic
STRETCHER-LEVELER OPERATOR (nonfer. metal alloys)
TRIMMER OPERATOR (nut & bolt)
TYPE-ROLLING-MACHINE OPERATOR (typewriters & parts)

619.884 FORMER HELPER, HAND (any ind.)
ORNAMENTAL-METAL-WORKER HELPER (fabric. metal prod., n.e.c.)
art-metal-worker helper

619.885 BANDING-MACHINE OPERATOR (ammunition)
BANDING-MACHINE OPERATOR (furn.)
bander
BAND MAKER (agric.)
band splicer
BOBBIN MAN (glass mfg.)
BRAKE OPERATOR (any ind.) II
press-brake operator
Brake Operator, Sheet Metal (any ind.) II
BUNDLING-MACHINE OPERATOR (forging)
COIL-REWIND-MACHINE OPERATOR (nonfer. metal alloys)
DRUM STRAIGHTENER (any ind.) I
container repairman
de-denter
EMBOSSING-MACHINE OPERATOR (ammunition)
ETCHER, MACHINE (cut. tools)
FORMING-ROLL OPERATOR (any ind.) II
Beading-Machine Operator (any ind.) II
Drum Straightener (any ind.) II
Seaming-Machine Operator (tinware)

619.885 Con. FOUR-SLIDE-MACHINE OPERATOR (any ind.) II
multi-slide-machine tender
slide-forming-machine tender
HEAD-GAGE-UNIT OPERATOR (ammunition)
HEEL-WASHER-STRINGING-MACHINE OPERATOR (rubber goods)
KNURLING-MACHINE OPERATOR (nail)
MACHINE OPERATOR (any ind.) II
SHEET METAL PRODUCTION WORKER (any ind.)
METALLIC-YARN-SLITTING-MACHINE OPERATOR (nonfer. metal alloys)
PRODUCTION-MACHINE TENDER (nut & bolt)
Tapping-Machine Operator, Automatic (nut & bolt)
REPAIRER, SHOE STICKS (rubber goods)
ROD-PULLER AND COILER (nonfer. metal alloys)
extrusion-press tableman
SPINNING-LATHE OPERATOR, AUTOMATIC (any ind.)
Automatic-Beading-Lathe Operator (any ind.)
Rolling-Machine Operator, Automatic (any ind.)
SPOOL WINDER (nonfer. metal alloys)
TWISTING-MACHINE OPERATOR (any ind.)
TWISTING-MACHINE OPERATOR (struct. & ornam. metalwork)
WINDING-LATHE OPERATOR (ammunition)
WINDING-MACHINE OPERATOR (conc. prod.)
WIRE-WINDING-MACHINE OPERATOR (wood. box)

619.886 AUTOMATIC STACKER (tinware)
BOILER-SHOP HELPER (boilermaking)
FORGE HELPER (forging)
press helper
trim-setter helper
Drop-Hammer-Operator Helper (forging)
Extruder-Operator Helper (forging)
Heater Helper, Forge (forging)
Scale Shooter (forging)
Upsetter Helper (forging)
HOOP-MAKER HELPER, MACHINE (cooperage)
Hoop-Flaring-Machine-Operator Helper (cooperage)
Hoop-Punch-and-Coiler Operator (cooperage)
Hoop-Riveting-Machine-Operator Helper (cooperage)
HOPPER MAN (ammunition)
MACHINE FEEDER (any ind.)
Punch-Press Feeder (any ind.)
Punch-Press Take-Off Man (any ind.)
Shear Operator, Automatic (any ind.) II
Straightening - Machine Feeder (any ind.)
MACHINE FEEDER (elec. equip.)
conveyor feeder
SPIKE-MACHINE HEATER (nail)
STRETCHER-LEVELER-OPERATOR HELPER (nonfer. metal alloys)

619.887 COIL BINDER (nonfer. metal alloys)
MACHINE HELPER (any ind.)
Bending - Machine - Operator Helper (any ind.)
Brake-Operator Helper (any ind.)
Forming - Machine - Operator Helper (any ind.)
Heavy - Duty - Press - Operator Helper (any ind.)
Punch - Press - Operator Helper (any ind.)
Roll-Operator Helper (any ind.)
Shear-Operator Helper (any ind.)
Slitting-Machine-Operator Helper (any ind.) II
Straightening-Press-Operator Helper (any ind.)
PITCH FILLER (any ind.)
tube filler

62, 63 **MECHANICS AND MACHINERY REPAIRMEN**

This division includes groups of occupations concerned with installing, inspecting, testing, repairing, rebuilding, and maintaining in efficient operating condition all types of engines

and a wide variety of mechanical equipment designed for general or specific application in domestic, commercial, industrial, and agricultural activities. Occupations in this division typically require knowledge of the structural and functional characteristics of specific machines or types of machines, and include such tasks as locating and drilling holes, alining structural and moving parts, and occasionally operating machine tools to remove excess metal from semifinished or repaired parts. Occupations concerned with assembling new or rebuilt heavy machines, such as turbines and presses in the machine shop or erection shop, involving close tolerance machining and hand finishing of castings and other machine parts are included in Division 60. Occupations concerned with machine setup and adjustment only are included in groups covering operation of the same machines.

620. Motorized Vehicle and Engineering Equipment Mechanics and Repairmen

This group includes occupations concerned with repairing engines and accessories, power trains, suspension systems, and other mechanical units of automobiles, trucks, tractors, buses, and trackless trolleys; graders, bulldozers, cranes, power shovels, portable air-compressors, and other gasoline- or diesel-powered engineering equipment; motorized materials-handling equipment, such as forklifts and lumber carriers; and wheeled or tracked military vehicles, including personnel carriers, self-propelled guns, mobile rocket launchers, and tanks. Ordnance mechanics concerned with military armament are included in Group 632.

620.131 AUTOMOBILE MECHANIC, CHIEF (auto. ser.)
automotive section chief
maintenance chief
FOREMAN, ENDLESS TRACK COMBAT VEHICLE (auto. ser.)
GARAGE FOREMAN (auto. ser.)
automobile-mechanic foreman
mechanic, chief
transportation-department foreman
REPAIR SHOP FOREMAN (motor. & bicycles)
TRANSPORTATION FOREMAN (any ind.)
garage foreman
Motor-Transportation Foreman (any ind.)
620.138 AUTOMOTIVE-TEST-SHOP SUPERVISOR (ordnance)
620.281 AIR-CONDITIONING MECHANIC (auto. ser.)
automobile-refrigeration mechanic
Automotive Air-Conditioner Installer (auto. ser.)
AUTOMOBILE MECHANIC (auto. ser.)
automobile repairman
automobile-service mechanic
garage man
garage mechanic
garage repairman
Automobile Mechanic, Military (auto. ser.)
Automobile Mechanic, Motor (auto. ser.)
Bus Mechanic (auto. ser.)
Compressor Mechanic, Bus (auto. ser.)
Differential Repairman (auto. ser.)
Drive-Shaft-and-Steering-Post Repairman (auto. ser.)
Engine-Head Repairman (auto. ser.)
Engine-Repair Mechanic, Bus (auto. ser.)
Foreign-Car Mechanic (auto. ser.)
Motor Assembler (auto. ser.)
Truck Mechanic (auto. ser.)
TROLLEY-COACH MECHANIC (motor trans.)
AUTOMOBILE-REPAIR-SERVICE SALESMAN (auto. ser.)
automobile inspector
collision estimator
garage-service floorman
manager, service
mechanic, trouble-shooting
serviceman, auto repair
Truck-Repair Serviceman (auto. ser.)

620.281 Con. AUTOMOBILE TESTER (auto. ser.)
Motor Analyst (auto. ser.)
AUTOMOTIVE-MAINTENANCE-EQUIPMENT SERVICEMAN (any ind.)
automotive-maintenance-equipment repairman
equipment-service engineer
pump-and-tank man
AUTOMOTIVE-MECHANIC APPRENTICE (auto. ser.)
auto-and-truck-repairman apprentice
automobile-and-truck-mechanic apprentice
BRAKEMAN, AUTOMOBILE (auto. ser.)
brake mechanic
brake repairman
brake-repair mechanic
brake-shoe man
Brakeman, Air (auto. ser.)
Brakeman, Hydraulic (auto. ser.)
Brake Repairman, Bus (auto. ser.)
BUS INSPECTOR (auto. ser.)
motor-inspection mechanic
Chassis Inspector (auto. ser.)
Electrical Inspector (auto. ser.)
Engine Inspector (auto. ser.)
CARBURETOR MAN (auto. ser.)
carburetion mechanic
carburetor repairman
CONSTRUCTION-EQUIPMENT MECHANIC (const.)
CRANE INSPECTOR (any ind.)
ENGINEERING-EQUIPMENT MECHANIC (const.)
heavy-equipment mechanic
Field Mechanic (any ind.)
ENGINEER INSPECTOR (const.)
FRONT-END MAN (auto. ser.)
alinement man
axle-and-frame man
chassis mechanic
frameman
wheel-alinement mechanic
LOGGING-EQUIPMENT MECHANIC (logging)
MECHANICAL-MAINTENANCE MAN (any ind.)
automobile-maintenance mechanic
master mechanic
service engineer
shop mechanic
MECHANIC, INDUSTRIAL TRUCK (any ind.)
truck repairman
MINE MACHINERY MECHANIC (mining & quarrying)
maintenance repairman, mine
mechanic
shovel-crane man
MOTOR AND CHASSIS INSPECTOR (auto. mfg.)
finished-car inspector
roadability machine operator
rollerman
TEST DRIVER (auto. mfg.) I
car tester
chassis driver
overland driver
roader tester
MOTORCYCLE REPAIRMAN (auto. ser.)
motorcycle mechanic
Motor-Scooter Repairman (auto. ser.)
TRACTOR MECHANIC (any ind.)
TRANSMISSION MECHANIC (auto. ser.)
Automatic-Transmission Mechanic (auto. ser.)
TUNE-UP MAN (auto. ser.)
Dynamometer Tuner (auto. ser.)
620.381 AUTOMOBILE-RADIATOR MAN (auto. ser.)
automobile mechanic, radiator
radiator repairman
AUTOMOBILE-SERVICE MECHANIC (auto. ser.) I
automotive-service specialist
Automobile-Service-Station Mechanic (auto. ser.)
FIREFIGHTING-EQUIPMENT SPECIALIST (gov. ser.)
MECHANICAL-UNIT REPAIRMAN (auto. ser.; loco. & car bldg. & rep.)
Door-Engine Repairman (auto. ser.; loco. & car bldg. & rep.)
Windshield-Wiper Repairman (loco. & car bldg. & rep.)

620.381 Con. MECHANIC, ENDLESS TRACK COMBAT VEHICLE (auto. ser.)
REPAIRMAN, HEAVY (auto. mfg.)
Differential Repairman (auto. mfg.)
Motor Repairman (auto. mfg.)
Transmission Repairman (auto. mfg.)
620.384 MOTORCYCLE TESTER (motor. & bicycles)
TESTER, MOTOR (auto. mfg.)
block tester
motor adjuster
motor timer
motor tuner
tuner
tune-up man, final
620.782 BRAKE-DRUM-LATHE OPERATOR (auto. ser.)
machinist, brake
620.884 AUTOMOBILE-MECHANIC HELPER (auto. ser.)
automobile-mechanic assistant
mechanic helper
Truck-Mechanic Helper (auto. ser.)
BRAKE ADJUSTER (auto. ser.)
CLUTCH REBUILDER (auto. ser.)
CONSTRUCTION-EQUIPMENT-MECHANIC HELPER (const.)
ELECTRIC-TRUCK REPAIRMAN (any ind.)
truck repairman
ELECTRIC GOLF-CART REPAIRMAN (auto. ser.)
ENGINEERING-EQUIPMENT-MECHANIC HELPER (const.)
MOTORCYCLE SUBASSEMBLY REPAIRMAN (motor. & bicycles)
Fork Repairman (motor. & bicycles)
Repairman, Assembly Line (motor. & bicycles)
Transmission Repairman (motor. & bicycles)
SPRING-REPAIRMAN HELPER, HAND (auto. ser.)
spring-fitter helper
spring-maker helper, hand
tear-up man, spring
SQUEAK, RATTLE, AND LEAK MAN (auto. ser.)
TRACTOR-MECHANIC HELPER (any ind.)
USED-CAR RENOVATOR (ret. tr.)
used-car conditioner
WRECKER (whole. tr.)
automobile wrecker
wrecking mechanic
620.885 BONDER, AUTOMOBILE BRAKES (auto. ser.)

621. Aircraft Mechanics and Repairmen

This group includes occupations concerned with repairing all types of aircraft engines, and mechanical or hydraulic systems and components of airplanes and missiles.

621.131 FOREMAN, AIRCRAFT MAINTENANCE (aircraft mfg.; air trans.)
FOREMAN, PRODUCTION DEPARTMENT (aircraft mfg.)
SUPERCHARGER-REPAIRMAN FOREMAN (aircraft mfg.)
621.138 RECLAMATION FOREMAN (whole. tr.)
621.228 FIELD-SERVICE REPRESENTATIVE (aircraft mfg.)
621.281 AIRCRAFT-AND-ENGINE MECHANIC (aircraft mfg.; air trans.)
a and e mechanic
aircraft mechanic
airframe-and-power-plant mechanic
airplane mechanic
Aircraft-Engine Assembler (air trans.)
Aircraft-Engine-Cylinder Mechanic (air trans.)
Aircraft-Engine Dismantler (aircraft mfg.; air trans.)
Aircraft-Engine Installer (air trans.)
Aircraft-Engine Mechanic (air trans.)
Aircraft-Engine Mechanic, Overhaul (aircraft mfg.; air trans.)
AIRCRAFT-AND-ENGINE MECHANIC, LINE SERVICE (air trans.)
aircraft mechanic, engine change
engine-service mechanic
ENGINE TESTER (aircraft mfg.; air trans.)
AIRCRAFT-AND-ENGINE-MECHANIC APPRENTICE (aircraft mfg.; air trans.)
airplane-mechanic apprentice
AIRPLANE INSPECTOR (air trans.)
airplane-and-engine inspector

621.281 Con. CARBURETOR MAN (air trans.)
carburetion mechanic
carburetor repairman
EXPERIMENTAL MECHANIC (aircraft mfg.) II
experimental aircraft and engine mechanic-field and hangar
mechanic, master, engineering research
FLIGHT ENGINEER (air trans.)
flight mechanic
HYDRAULIC TESTER (aircraft mfg.; air trans.)
functional-test mechanic
hydraulic-equipment tester
hydraulic-field-service mechanic
hydraulic inspector
hydraulic-preflight-service mechanic
hydraulic serviceman
hydraulic specialist
hydraulic-system checker
MECHANIC, FIELD-AND-SERVICE (aircraft mfg.)
engine-service man
SUPERCHARGER MECHANIC (aircraft mfg.; air trans.)
supercharger serviceman

621.381 ASSEMBLER, AIRCRAFT POWER PLANT (aircraft mfg.)
aircraft assembler, power plant
engine-installation assembler
FLIGHT-TEST SHOP MECHANIC (aircraft mfg.)
experimental aircraft and engine electrician, field and hangar
test-structures mechanic
MECHANIC, FLOWMETER TEST AND CERTIFICATION (aircraft mfg.)
PNEUMATIC TESTER AND MECHANIC (aircraft mfg.)
assembler, test technician, valves
overhaul mechanic, pneumatic valves
tester, pneumatic

621.781 MECHANIC, AIRCRAFT ACCESSORIES (aircraft mfg.)
mechanic, accessory-rework-and-repair

621.884 AIRCRAFT-AND-ENGINE-MECHANIC HELPER (aircraft mfg.; air trans.)
airplane-mechanic helper
RECLAMATION MAN (whole. tr.)

622. Rail Equipment Mechanics and Repairmen
This group includes occupations concerned with inspecting and repairing surface and subsurface railway equipment.

622.131 CARMAN FOREMAN (loco. & car bldg. & rep.)
FOREMAN, WHEEL SHOP (loco. & car bldg. & rep.)
ROUNDHOUSE FOREMAN (loco. & car bldg. & rep.)
foreman, roundhouse

622.281 LOCOMOTIVE INSPECTOR (loco. & car bldg. & rep.)
pit inspector

622.381 AIR-VALVE REPAIRMAN (loco. & car bldg. & rep.)
CARMAN (loco. & car bldg. & rep.)
drop-pit man
machinist
Car Straightener (loco. & car bldg. & rep.)
Tank-Car Repairman (loco. & car bldg. & rep.)
Wheel Fitter (loco. & car bldg. & rep.)
CARMAN, PULLMAN (r.r. trans.)
FLOOR-COVERING LAYER (loco. & car bldg. & rep.)
CARMAN APPRENTICE (loco. & car bldg. & rep.)
machinist apprentice
MINE-CAR REPAIRMAN (mining & quarrying)
car builder
pit car repairman
shop blacksmith
Car Inspector (mining & quarrying)
RAILROAD WHEELS AND AXLE INSPECTOR (loco. & car bldg. & rep.)
wheel and axle inspector
SALVAGE INSPECTOR (loco. & car bldg. & rep.)

622.782 TRIPLE-AIR-VALVE TESTER (loco. & car bldg. & rep.)
test-rack operator

622.884 AIR-COMPRESSOR MECHANIC (loco. & car bldg. & rep.)
compressor repairman
CARMAN HELPER (loco. & car bldg. & rep.)
machinist helper
Car Tester (loco. & car bldg. & rep.)
Car-Top Bolter (loco. & car bldg. & rep.)
SWITCH REPAIRMAN (r.r. trans.)
TANK-CAR INSPECTOR (comp. & liquefied gases)

623. Marine Mechanics and Repairmen
This group includes occupations concerned with repairing mechanical equipment aboard fresh-water and sea-going ships, tugboats, barges, lighters, floating drydocks, and other marine craft and floating structures, and repairing related harbor and dock machinery.

623.131 MACHINIST FOREMAN, OUTSIDE (ship & boat bldg. & rep.)

623.281 DECK ENGINEER (water trans.)
JUNIOR ENGINEER (water trans.)
maintenance man, engine
MACHINIST APPRENTICE, MARINE ENGINE (ship & boat bldg. & rep.)
marine-engine-installation-and-repairman apprentice
MACHINIST APPRENTICE, OUTSIDE (ship & boat bldg. & rep.)
marine-machinist apprentice
outside-installation-man apprentice
MACHINIST, MARINE ENGINE (ship & boat bldg. & rep.)
marine-engine mechanic
MACHINIST, OUTSIDE (ship & boat bldg. & rep.)
engineer, steam
machinist, installation
machinist, marine
marine erector
marine machinist
outfitter
outside-installation man
MOTORBOAT MECHANIC (any ind.)
boat mechanic
Motorboat Mechanic, Inboard (any ind.)
Motorboat Mechanic, Outboard (any ind.)
OUTBOARD-MOTOR MECHANIC (ship & boat bldg. & rep.)
SECOND ENGINEER, DREDGE (const.)
dredge mechanic
handyman, dredge

623.381 GEAR MAN (water trans.) II

623.884 MOTORBOAT-MECHANIC HELPER (any ind.)

623.887 MACHINIST HELPER, OUTSIDE (ship & boat bldg. & rep.)
machinist helper, marine

624. Farm Mechanics and Repairmen
This group includes occupations concerned with repairing machinery, equipment, and vehicles used in planting, cultivating, harvesting, moving, processing, and storing plant and animal farm products.

624.281 FARM-EQUIPMENT MECHANIC (agric.) I
farm mechanic
Viner Mechanic (agric.)
FARM-EQUIPMENT-MECHANIC APPRENTICE (agric.)
farm-mechanic apprentice
WINDMILL REPAIRMAN (any ind.)

624.381 FARM-EQUIPMENT MECHANIC (agric.) II
farm mechanic
field-equipment-maintenance mechanic, farm
FARM-MACHINERY SET-UP MAN (whole. tr.)
set-up man
INSPECTOR AND TESTER (agric. equip.)
mechanical inspector
tester
Combine Inspector (agric. eqiup.)
Treadmill Inspector (agric. equip.)

624.781 ASSEMBLY REPAIRMAN (agric. equip.)
assembly mechanic

624.884 GREASER (agric.)

625. Engine, Power Transmission, and Related Mechanics
This group includes occupations concerned with repairing steam engines, except locomotives; reciprocating internal combustion engines; and auxiliary equipment.

625.131 ENGINE-REPAIR FOREMAN (engine & turbine)
ENGINE-TESTING FOREMAN (engine & turbine)

625.281 DIESEL-ENGINE TESTER (engine & turbine)
DIESEL MECHANIC (any ind.)
Diesel-Engine Mechanic, Automobile (any ind.)
Diesel-Engine Mechanic, Bus (any ind.)
Diesel-Engine Mechanic, Marine (any ind.)
Diesel-Mechanic, Construction (any ind.)
Diesel-Mechanic, Farm (any ind.)
Locomotive Repairman, Diesel (loco. & car bldg. & rep.)
DIESEL-MECHANIC APPRENTICE (any ind.)
diesel-engine-mechanic apprentice
ENGINE REPAIRMAN, SERVICE (engine & turbine)
repairman, service parts
Diesel-Engine Repairman (engine & turbine)
Gasoline-Engine Repairman (engine & turbine)
Lawn-Mower-Engine Repairman (engine & turbine)
Outboard-Motor Repairman (engine & turbine)
EXPERIMENTAL MECHANIC, OUTBOARD MOTORS (engine & turbine)
river tester
FUEL-INJECTION SERVICEMAN (any ind.)
GASOLINE-ENGINE REPAIRMAN (any ind.)
small-engine mechanic
OUTBOARD-MOTOR TESTER (engine & turbine)
POWER-SAW MECHANIC (any ind.)
chain-saw mechanic
ROCKET-ENGINE-COMPONENT MECHANIC (aircraft mfg.)

625.381 DIESEL-ENGINE ERECTOR (engine & turbine)
diesel-engine fitter
ENGINE REPAIRMAN, PRODUCTION (engine & turbine)
Diesel-Engine Repairman (engine & turbine)
Gasoline-Engine Repairman (engine & turbine)
Outboard-Motor Repairman (engine & turbine)
LIFE TESTER, OUTBOARD MOTORS (engine & turbine)
life tester, experimental

625.884 DIESEL-MECHANIC HELPER (any ind.)

626. Metalworking Machinery Mechanics
This group includes occupations concerned with repairing general purpose and specialized metal-cutting and metal-forming machines, accessories, and related equipment.

626.281 FORGE-SHOP-MACHINE REPAIRMAN (forging)
hammer repairman
maintenance man
power-hammer repairman
Load-Chain-Welding-Machine Repairer (forging)
MACHINE REPAIRMAN, MAINTENANCE (any ind.)
Broaching-Machine Man (mach. tool & access.)
Cannelure-Turning-Machine Adjuster (ammunition)
Centerless-Grinding-Machine Adjuster (ammunition)
Screw-Machine Adjuster, Automatic (ammunition)
Screw-Machine Repairman (mach. shop.)
SEAMER MECHANIC (any ind.)
closing-machine repairman
REFORM MAN (can. & preserv.)

626.381 GAS-WELDING-EQUIPMENT MECHANIC (any ind.)
apparatus-repair mechanic

626.381 HYDRAULIC-PRESS SERVICEMAN (ammunition)
Con. REPAIRMAN WELDING, BRAZING-AND-BURNING MACHINES (welding)
Repairman, Resistance-Welding Machines (welding)
REPAIRMAN, WELDING EQUIPMENT (welding)
626.781 CASE-FINISHING-MACHINE ADJUSTER (ammunition)
626.884 TONG REPAIRMAN (nonfer. metal alloys)
UTILITY MAN, MERCHANT MILL (iron & steel)

627. Printing and Publishing Mechanics and Repairmen

This group includes occupations concerned with maintaining and repairing all types of presses, typecasting and typesetting machines, collators, and related apparatus used in job shops and commercial printing and publishing houses and book binderies, and establishments engaged in printing textiles or plastics.

627.281 MACHINIST APPRENTICE, COMPOSING ROOM (print. & pub.)
printing-equipment-mechanic apprentice
MACHINIST APPRENTICE, LINOTYPE (print. & pub.)
linotype-maintenance-mechanic apprentice
MACHINIST, LINOTYPE (print. & pub.)
COMPOSING-ROOM MACHINIST (print. & pub.)
printing-equipment mechanic
PRESS-MAINTENANCE MAN (print. & pub.)

628. Textile Machinery and Equipment Mechanics and Repairmen

This group includes occupations concerned with maintaining and repairing textile machinery used in the preparation of vegetable, animal, or synthetic fibers; producing yarn, weaving or knitting cloth; and producing lace and embroidery, napping, and otherwise finishing fabric; and performing operations such as slitting or folding preparatory to marketing.

628.281 MACHINE FIXER (fiber rugs)
loom fixer
OVERHAULER (textile)
628.381 CARD CLOTHIER (textile)
628.684 PARTS INSPECTOR, TEXTILE MACHINERY (textile)
inspector
628.782 FLAT CLOTHIER (textile)
ROLLER COVERER (textile)
roll coverer
roller maker
roller-shop man
SHEAR-GRINDER OPERATOR (textile)
628.884 ASSEMBLER, HALF LAP (textile)
knocker-down
patcher
NEEDLE SETTER (textile)
book setter
comber setter
comb-needle setter
pinsetter
reneedler
NEEDLE STRAIGHTENER (hoisery; knit goods)
straightener
OVERHEAD-CLEANER MAINTENANCE MAN (textile)
traveling cleaner, maintenance
REED MAN (textile)
loom-reed man
reed cleaner
reed maker
reed polisher
reed repairman
SHUTTLE FIXER (textile)
shuttle inspector
shuttle man
SPINDLE PLUMBER (textile)
spindle setter
spindle tester
WIRE REPAIRMAN (carpet & rug)
628.887 FLYER REPAIRMAN (textile)
flyer builder
QUILL REAMER (textile)
quill driller
quill repairman
quill unstopper
628.887 quill washer, polisher and repairer
Con. reamer
Bobbin Reamer (textile)

629. Special Industry Machinery Mechanics

This group includes occupations concerned with repairing machines and equipment designed to perform specialized functions in the manufacture of specific products, or to perform particular functions commonly found in an industry or in a group of related industries.

629.131 FOREMAN, RECLAMATION (petrol. production)
reclamation foreman
629.132 FOREMAN, BOTTLE-HOUSE CLEANERS (malt liquors)
629.281 BAKERY-MACHINE MECHANIC (bake. prod.)
CARTON-FORMING MACHINE ADJUSTER (tobacco)
brightwood adjuster
CELLOPHANE-CASTING-MACHINE REPAIRMAN (fabric. plastics prod.)
DAIRY-EQUIPMENT REPAIRMAN (dairy prod.)
ELECTRIC-EYE-SORTING MACHINE TECHNICIAN (can. & preserv.)
FILM-LABORATORY-EQUIPMENT MECHANIC (motion pic.)
machinist, film laboratory
FINAL INSPECTOR, FOOD PACKAGING EQUIPMENT (mach. mfg.)
FORMING-MACHINE ADJUSTER (glass mfg.)
forming fixer
GUM-WRAPPING-MACHINE MECHANIC (chew. gum)
wrapping-machine mechanic
LAUNDRY-MACHINE MECHANIC (laund.)
laundry-machine repairman
MACHINE ADJUSTER (tobacco)
repairman
Casing-and-Cutting-Machines Adjuster (tobacco)
Cigarette-Making-Machine Adjuster (tobacco)
Cigarette-Packing-and-Wrapping-Machine Adjuster (tobacco)
Cigarette-Packing-Machine Adjuster (tobacco)
Cigar-Making-Machine Mechanic (tobacco)
Cutting-Machine Mechanic (tobacco)
Head Adjuster (tobacco)
Packing-Machine Adjuster (tobacco)
Stripping-Machine Mechanic (tobacco)
Wrapping-Machine Adjuster (tobacco)
MAINTENANCE MAN, TELEVISION PICTURE TUBES (electronics)
floor maintenance mechanic
maintenance man
Aluminizing Equipment Maintenance Man (electronics)
Bulb Preparation Maintenance Man (electronics)
Exhaust Maintenance Man (electronics)
MAINTENANCE MECHANIC (grain & feed mill.)
machine repairman
MAINTENANCE MECHANIC, RECORD PROCESS EQUIPMENT (phonograph)
maintenance man
MILLER, HEAD, WET PROCESS (corn prod.)
stonecutter
POWDER-LINE REPAIRMAN (explosives)
PUMP INSPECTOR (paper & pulp)
pumpman
629.381 MACHINE-CLOTHING MAN (paper & pulp)
feltman
OIL-TOOL MAINTENANCE MAN (petrol. production)
tool repairman
ROLL-GRINDING INSPECTOR (rubber reclaim.)
millroom inspector
629.780 SIZER, MACHINE (optical goods)
629.781 FOILING-MACHINE ADJUSTER (ammunition)
629.782 LABORATORY HELPER (mach. mfg.)
ROLL GRINDER (rubber reclaim.)
roll-contour grinder
629.884 CURING-PRESS MAINTENANCE MAN (rubber tire & tube)
DRUM REPAIRMAN (tobacco)

630. General Industry Mechanics and Repairmen

This group includes occupations concerned with maintenance and repair of a variety of machines and equipment used in various combinations to perform common or specialized functions in the processing and manufacturing industries.

630.131 PUMP-SERVICEMAN FOREMAN (any ind.)
630.134 ANODE-CREW FOREMAN (ore dress., smelt., & refin.)
service-crew foreman
FOREMAN, CELL MAINTENANCE (ore dress., smelt., & refin.)
630.281 GAS-PLANT REPAIRMAN (light, heat, & power)
GAS WORKER (comp. & liquefied gases) IV
gas worker, engineer
MAINTENANCE MECHANIC, COMPRESSED-GAS PLANT (comp. & liquefied gases)
MECHANICAL INSPECTOR (petrol. refin.)
inspector
Still-and-Tank Inspector (petrol. refin.)
OVEN-EQUIPMENT REPAIRMAN (coke prod.)
PNEUMATIC-TOOL REPAIRMAN (any ind.)
air-motor repairman
drill doctor
PNEUMATIC-TUBE REPAIRMAN (any ind.)
tube repairman
PUMP SERVICEMAN (any ind.)
pump repairman
Water-Pump Serviceman (any ind.)
GAS WORKER (comp. & liquefied gases) II
GAS WORKER (comp. & liquefied gases) V
REPAIRMAN (chem.) I
Repairman, Evaporator (chem.)
Repairman, Pump (chem.)
Repairman, Still (chem.)
REPAIRMAN (mining & quarrying)
mechanic
Breaker Repairman (mining & quarrying)
Preparation Plant Repairman (mining & quarrying)
Tipple Repairman (mining & quarrying)
REPAIRMAN (ore dress., smelt., & refin.)
Roll Repairman (ore dress., smelt. & refin.)
RUBBERIZING MECHANIC (any ind.)
SERVICE MECHANIC, COMPRESSED-GAS EQUIPMENT (comp. & liquefied gases)
TREATMENT-PLANT MECHANIC (waterworks)
filtration-plant mechanic
water-treatment-plant mechanic
630.381 CONVEYOR-MAINTENANCE MAN (any ind.)
DOOR-CLOSER MECHANIC (any ind.)
LEAD OPERATOR (ore dress., smelt., & refin.)
LUBRICATION-EQUIPMENT-MAINTENANCE MAN (any ind.)
SPRAY-GUN REPAIRMAN (any ind.)
gun repairman
VALVE REPAIRMAN (comp. & liquefied gases)
cylinder-valve repairman
valve inspector
valve inspector-and-assembler
630.382 PUMP TESTER (mach. mfg.)
gasoline-pump tester
rotary-pump tester
630.780 POLISHING-WHEEL MAKER (abrasive & polish. prod.)
630.781 FUEL-SYSTEM-MAINTENANCE MAN (air trans.)
gas-pit man
gas-pit specialist
630.782 BENCH HAND (engine & turbine)
630.884 ANODE MAN (ore dress., smelt., & refin.)
Channel Man (ore dress., smelt., & refin.)
Pin Puller (ore dress., smelt., & refin.)
Strap Setter (ore dress., smelt., & refin.)
Stud Driver (ore dress., smelt., & refin.)
BELTMAN (any ind.)
belt fixer
belt repairman
strap man
Conveyor Beltman (any ind.)
EQUIPMENT-CLEANER-AND-TESTER (ore dress., smelt., & refin.)
FIXTURE-MAINTENANCE MAN (any ind.)
copper-and-tank-fixture maintenance man

630.884 PUMP INSTALLER (any ind.)
Con. PUMP-SERVICEMAN HELPER (any ind.)
mechanic helper
REPAIRMAN (chem.) II
handyman
REPAIRMAN, JUNIOR (ore dress., smelt., & refin.)
SCREEN-AND-CYCLONE MAN (mining & quarrying)
SCREENMAN, CRUSHER (mining & quarrying)
WHEEL-AND-CASTER REPAIRMAN (any ind.)

631. Powerplant Mechanics and Repairmen

This group includes occupations concerned with maintenance and repair of turbogenerators, steam generators, and auxiliary equipment in powerplants, utilizing organic and atomic fuels or waterpower.

631.131 DAM-MAINTENANCE FOREMAN (light, heat, & power)
MACHINIST FOREMAN (light, heat, & power)
631.281 HYDROELECTRIC-MACHINERY MECHANIC (light, heat, & power)
plant machinist
POWERHOUSE REPAIRMAN (light, heat, & power)
station mechanic
POWERHOUSE-REPAIRMAN APPRENTICE (light, heat, & power)
machinist apprentice
station-mechanic apprentice
631.884 HYDROELECTRIC-MACHINERY-MECHANIC HELPER (light, heat, & power)
POWERHOUSE-REPAIRMAN HELPER (light, heat, & power)
generation-mechanic helper
station-mechanic helper
631.887 PULLEYMAN (mining & quarrying)
rollerman
wheelman
TRACK-REPAIRMAN HELPER (const.)

632. Ordnance and Accessories Mechanics and Repairmen

This group includes occupations concerned with repairing, modifying, and maintaining in readiness small arms, field artillery, naval weapons, fire-control apparatus, munitions, and related ordnance. Occupations concerned with ordnance fabrication are covered in Groups 694 and 736. Occupations concerned with instruments are covered in Group 711. Occupations concerned with electronic equipment are covered in Groups 722 and 823.

632.131 ARTILLERY-MAINTENANCE FOREMAN (firearms)
632.281 GUNSMITH (any ind.)
gun repairman
ORDNANCEMAN (gov. ser.)
Armorer (gov. ser.)
Bomb-Disposal Man (gov. ser.)
Munitions Worker (gov. ser.)
Nuclear-Weapons Mechanical Specialist (gov. ser.)
Torpedoman (gov. ser.)
AIRCRAFT-ARMAMENT MECHANIC (gov. ser.)
aircraft armorer
Bombsight Specialist (gov. ser.)
FIRE-CONTROL MECHANIC (gov. ser.)
fire-control technician
632.381 INSPECTOR, FIREARMS (ammunition)
INSPECTOR, REMOTE CONTROL (firearms)
632.780 GAGE-AND-WEIGH-MACHINE ADJUSTER (ammunition)
INSPECTING-MACHINE ADJUSTER (ammunition)
LOADING-MACHINE ADJUSTER (ammunition)
cartridge-assembling-machine adjuster
LOADING-UNIT TOOL SETTER (ammunition)
PRIMER-INSERTING-MACHINE ADJUSTER (ammunition)
primer press set-up man
PRIMER-WATERPROOFING-MACHINE ADJUSTER (ammunition)
lacquer-press adjuster
RIM-FIRE-PRIMING TOOL SETTER (ammunition)
VARNISHING-UNIT TOOL SETTER (ammunition)
632.781 GUN SYNCHRONIZER (firearms)
632.884 GYMNASTICATOR OPERATOR (firearms)

633. Business and Commercial Machine Repairmen

This group includes occupations concerned with repairing calculating, bookkeeping, addressing, duplicating, and related machines, including both manual and electric typewriters and cash registers. Sales and service occupations are included in Group 281; and electronic data-processing equipment is included in Group 722 and Group 823.

633.131 OFFICE-MACHINE-SERVICEMAN FOREMAN (any ind.)
office-equipment-repair-shop foreman
service-shop foreman
Office-Machine-Repair-Shop Foreman (any ind.)
633.281 ASSEMBLY TECHNICIAN (office mach.)
CASH-REGISTER SERVICEMAN (any ind.)
cash-register repairman
DICTATING-TRANSCRIBING-MACHINE SERVICEMAN (any ind.)
Dictaphone Serviceman (any ind.)
Dictating-Transcribing-Machine Serviceman, Grooved Tape (any ind.)
Dictating-Transcribing-Machine Serviceman, Magnetic Tape (any ind.)
Ediphone Serviceman (any ind.)
MACHINE ANALYST (office mach.)
MAIL-PROCESSING-EQUIPMENT MECHANIC (gov. ser.)
OFFICE-MACHINE SERVICEMAN (any ind.)
business-machine mechanic
office-equipment mechanic
office-machine inspector
office-machine repairman
Accounting-Machine Serviceman (any ind.)
Adding-Machine Serviceman (any ind.)
Calculating-Machine Serviceman (any ind.)
Duplicating-Machine Serviceman (any ind.)
Typewriter Serviceman (any ind.)
OFFICE-MACHINE-SERVICEMAN APPRENTICE (any ind.)
business-machine-mechanic apprentice
SCALE MECHANIC (any ind.)
scaleman
scale repairman
STATISTICAL-MACHINE SERVICEMAN (any ind.)
customer engineer
Tabulating-Equipment Mechanic (any ind.)

637. Utilities Service Mechanics and Repairmen

This group includes occupations concerned with installing, maintaining, and repairing mechanical equipment and appliances used to supply heat, conditioned air, refrigeration, water, and related utilities in homes and commercial or industrial establishments.

637.281 AIR-CONDITIONING MECHANIC, COMMERCIAL (any ind.)
plumber-pipe-fitter, air-conditioning
Air-Conditioning Mechanic, Industrial (any ind.)
Plumber-Pipe-Fitter, Central-Heating-and-Air-Conditioning (any ind.)
AIR-CONDITIONING MECHANIC, DOMESTIC (any ind.)
air-conditioning-window-box serviceman
GAS-APPLIANCE SERVICEMAN (any ind.)
appliance serviceman
customer serviceman
Gas-Refrigerator Serviceman (any ind.)
Gas-Stove Serviceman (any ind.)
GAS-EQUIPMENT-AND-CONTROL MAN (light, heat, & power)
GAS SERVICEMAN (light, heat, & power)
local representative
PUMP ERECTOR (const.)
pump installation and serviceman
REFRIGERATION MECHANIC (any ind.)
air-conditioning attendant
air-conditioning mechanic
refrigeration-equipment erector
Refrigeration-System Installer (any ind.)
637.281 STOKER ERECTOR-AND-SERVICEMAN (any ind.)
Con. stoker-installation mechanic
637.381 EVAPORATIVE-COOLER INSTALLER (any ind.)
cooler serviceman
REFRIGERATION UNIT REPAIRMAN (refrigerat. equip.)
637.684 QUALITY-CONTROL TECHNICIAN (coin mach.)
637.884 AIR-CONDITIONING-MECHANIC HELPER, COMMERCIAL (any ind.)
heating-and-air-conditioning-mechanic helper
Air-Conditioning-Mechanic Helper, Industrial (any ind.)
Plumber-Pipe-Fitter Helper, Central-Heating-and-Air-Conditioning (any ind.)
GAS-APPLIANCE-SERVICEMAN HELPER (any ind.)
customer-serviceman helper
gas-fitter helper
Gas-Stove-Serviceman Helper (any ind.)
PUMP-ERECTOR HELPER (const.)
637.887 AIR-CONDITIONING-MECHANIC HELPER, DOMESTIC (any ind.)
air-conditioning-window-box-serviceman helper
REFRIGERATION-MECHANIC HELPER (any ind.)

638. Miscellaneous Occupations in Machine Installation and Repair

This group includes occupations which are too broad to classify on the basis of a particular machine or type of machinery.

638.131 MAINTENANCE MECHANIC FOREMAN (any ind.)
MASTER MECHANIC, MAINTENANCE (any ind.)
craft foreman
maintenance supervisor
FUEL-SYSTEM-MAINTENANCE FOREMAN (air trans.)
MECHANICAL-MAINTENANCE-MAN FOREMAN (any ind.)
maintenance engineer, oil field
shop foreman
Traveling-Maintenance Supervisor (any ind.)
MILLWRIGHT FOREMAN (any ind.)
INSTALLATION SUPERINTENDENT, PIN-SETTING MACHINE (const.)
MAINTENANCE FOREMAN, GAS PLANT (light, heat, & power)
plant-maintenance supervisor
638.281 AUTOMATED EQUIPMENT ENGINEER-TECHNICIAN (mach. mfg.)
engineer, automated equipment
technician, automated equipment
MACHINERY ERECTOR (engine & turbine; mach. mfg.)
erector
heavy-machinery assembler
MAINTENANCE MECHANIC (any ind.) II
fixer
machine adjuster
machine-maintenance man
machine overhauler
machine repairman
mechanical handyman
repair mechanic
tool-and-machine maintenance man
MAINTENANCE TECHNICIAN (profess. & kin.)
MANUFACTURER'S SERVICE REPRESENTATIVE (mach. mfg.; mach. tool & access.)
field engineer
field serviceman
service engineer
serviceman
service representative
MILLWRIGHT (any ind.)
installation man
machine erector
maintenance mechanic
plant changer
MAINTENANCE MAN, GAS PLANT (light, heat, & power)
MILLWRIGHT APPRENTICE (any ind.)
SALVAGE MAN (any ind.) II
salvage keeper
spare-parts-and-salvage man
638.781 MACHINE ASSEMBLER (mach. shop)

638.884 MAINTENANCE-MECHANIC HELPER (any ind.)
laborer, mechanical-handyman
machine-adjuster helper
mechanical-handyman helper
repair helper
MILLWRIGHT HELPER (any ind.)

639. Mechanics and Machinery Repairmen, n.e.c.
This group includes occupations, not elsewhere classified, concerned with inspecting, maintaining, and repairing mechanical equipment.

639.131 FOREMAN, COOLER SERVICE (coin mach.)
manager, vending department
639.251 SERVICE ENGINEER (any ind.) I
639.281 COIN-MACHINE SERVICEMAN (bus. ser.)
concessionaire-machine serviceman
slot-machine serviceman
Music-Box Serviceman (bus. ser.)
Pinball Repairman (bus. ser.)
SEWING-MACHINE REPAIRMAN (any ind.)
machinist, sewing machine
sewing-machine adjuster
Fitting-Room Maintenance Mechanic (boot & shoe)
639.381 PINSETTER ADJUSTER, AUTOMATIC (sports equip.)
inspector-adjuster, pinsetter
VENDING-MACHINE REPAIRMAN (bus. ser.; coin mach.)
639.781 TOOL DRESSER (petrol. production)
cable-tool dresser
dresser
639.884 BICYCLE REPAIRMAN (any ind.)
bicycle mechanic
cycle repairman
LAWN-MOWER REPAIRMAN (any ind.)
SEWING-MACHINE-REPAIRMAN HELPER (any ind.)
power-sewing-machine-adjuster helper
strap boy

64 PAPERWORKING OCCUPATIONS
This division includes occupations concerned with shaping, cutting, scoring, joining, and otherwise machining paper and paper products.

640. Paper Cutting, Winding, and Related Occupations
This group includes occupations concerned with cutting multiple sheets of paper, pasteboard, and similar material to specific size, and forming spiral or convolute paper tubing to make such articles as paper containers and covers.

640.132 FOREMAN, COREMAKER (paper & pulp)
640.687 ROLL BOY (paper & pulp)
640.780 PANEL-MACHINE SET-UP MAN (paper goods)
640.782 CONVOLUTE-TUBE WINDER (paper goods)
SLITTER-SCORER-CUT-OFF OPERATOR (paper goods)
slitter-scorer
Slitter-and-Cutter Operator (paper & pulp; paper goods)
Slitter-Cut-Off Operator (paper goods)
SPIRAL-TUBE WINDER (paper goods)
winder
Coremaker (paper goods)
WINDER MAN, PAPER MACHINE (paper & pulp)
640.885 BOOK-JACKET-COVER-MACHINE OPERATOR (paper goods)
BOOK TRIMMER (print. & pub.)
bindery cutter
multiple-knife-edge-trimmer operator
shearing-machine operator
trimmer operator, three knife
COMB-MACHINE OPERATOR (match)
COMPENSATOR (paper goods)
CORNER CUTTER (paper goods)
corner-cutter-machine operator
Double-Corner Cutter (paper goods)
Single-Corner Cutter (paper goods)
CUT-OFF-MACHINE OPERATOR (paper goods)
paper-tube cutter
trimming-machine operator
tube cutter
CUT-OFF-MACHINE OPERATOR, AUTOMATIC (paper goods)
LABEL-SLITTING-MACHINE OPERATOR (tobacco)
PANEL-MACHINE OPERATOR (paper goods)

640.885 Con. PAPER-CORE-MACHINE OPERATOR (paper goods)
PAPER CUTTER (distilled liquors; tobacco)
cutting-machine operator
paper-cutting-machine operator
stamp cutter
supply man
Cigarette-Paper Cutter (tobacco)
Revenue-Stamp Cutter (distilled liquors; tobacco)
PAPER-REEL OPERATOR (paper goods)
cord-reel operator
paper reeler
reel cutter
reel operator
SHEETER, CARBON PAPER (pen & pencil)
PROCESS-MACHINE OPERATOR (paper goods)
gummed-tape-press operator
REWINDER OPERATOR (paper goods)
pony winder
rewinder
roll winder
RIBBON-HANKING-MACHINE OPERATOR (paper goods)
ROLLING-MACHINE OPERATOR (wallpaper)
embossing-machine-operator helper
wallpaper-embosser helper
ROLL RECLAIMER (paper goods)
ROLL-SLICING-MACHINE TENDER (pen & pencil)
inter-fold roll cutter
RUF-SPOOLING-MACHINE OPERATOR (paper goods; trim. & stamp. art goods)
SLOTTER OPERATOR (paper goods)
TIGHTENING-MACHINE OPERATOR (paper goods)
TUBE SIZER-AND-CUTTER OPERATOR (ammunition)
TUBE-WINDING-MACHINE OPERATOR (paper goods)
winding-machine operator
WHITE-TUBE STRIPPER (paper & pulp)
640.886 CUTTERMAN HELPER (paper & pulp)
rotary-cutter helper
640.887 SPIRAL-TUBE-WINDER HELPER (paper goods)
spiral-winding-machine helper
winder helper

641. Folding, Creasing, Scoring, and Gluing Occupations
This group includes occupations concerned with folding paper, pasteboard, and related materials to desired shapes and angles; creasing the material or cutting part way through it with the aid of scorers; and applying glue or other adhesive substances to it.

641.780 ENVELOPE-MACHINE SET-UP MAN (paper goods)
envelope-folding-machine adjuster
641.782 EMBOSSOGRAPH OPERATOR (any ind.)
NEW-ERA-UNIT OPERATOR (print. & pub.)
gluing-machine operator, automatic
PLATEN-PRESS OPERATOR (paper goods)
blanker pressman
SHELL-MACHINE OPERATOR (explosives)
shell-house operator
SLITTER-CREASER-SLOTTER OPERATOR (paper goods)
Printer-Slotter Helper (paper goods)
TUBE-MACHINE OPERATOR (paper goods)
tube maker
tube-making-machine operator
641.885 APPLE-LINER MACHINE OPERATOR (paper goods)
AUTOMATIC-MACHINE ATTENDANT (paper goods)
machine assembler
BAR CREASER (paper goods)
BENDER, MACHINE (paper goods)
bending-machine operator
BOARD-LINER OPERATOR (wood. box)
BOX-LINING-MACHINE FEEDER (paper goods)
CARTON-FORMING-MACHINE OPERATOR (any ind.) I
CARTON-FORMING-MACHINE TENDER (paper goods)
COVER STRIPPER (paper goods)
box-covering-machine operator
covering-and-wrapping-machine operator
stripping-machine operator

641.885 Con. top-and-bottom paperer
trimmer operator, automatic
wrapping-machine operator
ENDING-MACHINE OPERATOR (paper goods)
Double-Ending-Machine Operator (paper goods)
Single-Ending-Machine Operator (paper goods)
ENVELOPE-MACHINE OPERATOR (paper goods)
envelope-fold operator
folder, machine
Plunger-Machine Operator (paper goods)
Rotary-Envelope-Machine Operator (paper goods)
Side-Seam-Envelope-Machine Operator (paper & pulp)
Web-Folding-Machine Operator (paper goods)
EXTENSION EDGER (paper goods)
extension-edge-machine operator
flanging-machine operator
french-edge operator
FOLDING-MACHINE FEEDER (paper goods)
FOUR-CORNER-STAYER-MACHINE OPERATOR (paper goods)
quad stayer
staying-machine operator
LINER, LOOSELEAF BINDER (print. & pub.)
cover liner
LINER-MACHINE OPERATOR (paper goods)
paster operator
MOUNTING-MACHINE OPERATOR (print. & pub.)
PATCH-MACHINE OPERATOR (paper goods)
window-machine operator
SCORER (paper goods)
Scorer, Double (paper goods)
Scorer, Single (paper goods)
SEALING-MACHINE OPERATOR (paper goods)
SLIDE-FORMING-MACHINE TENDER (match)
SLIDE-MACHINE TENDER (match)
STRING-TOP SEALER (paper goods)
STRIPPING-MACHINE OPERATOR (paper goods)
binder operator
VALVING-MACHINE OPERATOR (paper goods)
Combination Valving-and-Sewing-Machine Operator (paper goods)
WRAPPING-MACHINE OPERATOR (paper goods) I
covering-machine operator
641.886 PAPER-BAG-PRESS OPERATOR (paper goods)
PRINTER-SLOTTER FEEDER (paper goods)
creasing-and-cutting-press feeder
cutting-and-creasing-press feeder
press feeder
SCORER HELPER (paper goods)
bar-creaser helper
scoring-machine-operator helper
SLEEVER (paper goods)
TUBE-MACHINE-OPERATOR HELPER (paper goods)
tuber back tender
641.887 LINER-MACHINE-OPERATOR HELPER (paper goods)

642. Paper Sewing Occupations
This group includes occupations concerned with sewing together thicknesses of paper with sewing machines. The paper may be backed with cotton or other materials or may be in the form of gathered and collated signatures.

642.886 BAG SEWER (paper goods)
bag-end sewer
Double-End Sewer (paper goods)
Single-End Sewer (paper goods)

643. Corrugating Occupations
This group includes occupations concerned with imparting a wavy surface to paper or pasteboard by folding or crimping it into parallel ridges and furrows to make the material resilient for use in wrapping or packing.

643.782 CORRUGATOR OPERATOR (paper goods)
corrugated-combining-machine operator
Board-Lining-Machine Operator (paper goods)
Double-Facing-Corrugating-Machine Operator (paper goods)

643.782 Con. Single-Facing-Corrugating-Machine Operator (paper goods)

643.885 BINDERY WORKER (print. & pub.)
bindery man or girl
bindery operator
table worker

643.886 CORRUGATOR-OPERATOR HELPER (paper goods)

644. Fastening Occupations, n.e.c.
This group includes occupations, not elsewhere classified, concerned with joining together or making secure sheets or similar units of paper and pasteboard. Includes stapling and fitting together interlocking parts.

644.885 STRINGING-MACHINE OPERATOR (paper goods)
wire-machine operator, automatic
wiring-machine operator

TAPE-FASTENER-MACHINE OPERATOR (paper goods)
tie fastener

649. Paperworking Occupations, n.e.c.
This group includes occupations, not elsewhere classified, concerned with shaping, cutting, scoring, joining, and otherwise machining paper and paper products.

649.130 FOREMAN, PAPER PRODUCTS (paper goods)

649.381 PATTERN MAN (paper goods)

649.387 INSPECTOR, PAPER PRODUCTS (paper goods)
bag inspector
Assembly Inspector (paper goods)
Paper-Bag Inspector (paper goods)
Tube Inspector (paper goods)

649.487 INSPECTOR (paper & pulp)

649.687 PAPER-CONE GRADER (paper goods)
Paper-Tube Grader (paper goods)

PAPER-PATTERN INSPECTOR (paper goods)

PAPER SORTER AND COUNTER (paper & pulp)
inspector and counter
overlooker
sorter, counter

649.780 BOARD-MACHINE SET-UP MAN (wallboard)
machine man

MACHINE SET-UP MAN, PAPER GOODS (paper goods)
Bag-Machine Set-Up Man (paper goods)
Gluing-Machine Adjuster (paper goods)
Stitcher Set-Up Man, Automatic (paper goods)

649.782 CUTTING-AND-CREASING PRESSMAN (paper goods)
creasing-and-cutting pressman
cylinder-cutting pressman
cylinder-die-machine operator

CUTTING-MACHINE OPERATOR (print. & pub.)

DRILL-PRESS OPERATOR, ACOUSTICAL TILE (wallboard)

EMBOSSER OPERATOR (paper goods; plastics mat.; wallpaper)
calender man
roll-embosser operator
Sheeter Operator (paper & pulp)

PARTITION-ASSEMBLY-MACHINE OPERATOR (any ind.)

SIZING-MACHINE OPERATOR (ammunition)

649.885 BAG-MACHINE OPERATOR (paper goods)
bag-making-machine operator
Cellophane-Bag-Machine Operator (paper goods)
Polyethylene-Bag-Machine Operator (paper goods)
Waxed-Bag-Machine Operator (paper goods)

BOTTOMING-MACHINE OPERATOR (paper goods)

CHIP-APPLYING-MACHINE TENDER (paint & varn.; print. & pub.)
chip applier

CORE-CUTTER AND REAMER (paper & pulp)

DOMER (paper goods)

DRILL-PUNCH OPERATOR (paper goods; print. & pub.)

FOLDING-MACHINE OPERATOR (paper goods)
multifold operator
Double-Fold-Machine Operator (paper goods)
Folded-Towel-Machine Operator (paper goods)

649.885 Con. Napkin-Machine Operator (paper goods)
Single-Fold-Machine Operator (paper goods)

KNOTTING-MACHINE OPERATOR (paper goods)

LACE-PAPER-MACHINE OPERATOR (paper goods)

LAUNDRY-BAG-PUNCH OPERATOR (paper goods)

LAYBOY TENDER (paper & pulp; paper goods; print. & pub.)
cutter girl
jogger operator
sheeter helper

MACHINE OPERATOR, GENERAL (paper goods)

PAPER-CONE-MACHINE TENDER (paper goods)
body-rolling-machine tender

PAPER-CUP-MACHINE OPERATOR (paper goods)

PARTITION-MAKING MACHINE OPERATOR (paper goods)

PUNCHBOARD-FILLING-MACHINE OPERATOR (paper goods)
stuffing-machine operator

RING-MAKING-MACHINE OPERATOR (paper goods)

SHOT-TUBE-MACHINE TENDER (paper goods)

STEEL-TIE ADJUSTER, AUTOMATIC (paper goods)
tin-tie-machine operator, automatic

TAG-MACHINE OPERATOR (paper goods)

649.886 BAG-MACHINE-OPERATOR HELPER (paper goods)

FINISHING-MACHINE OPERATOR (paper goods)

SMUTTER (paper goods)

65 PRINTING OCCUPATIONS
This division includes occupations concerned with reproducing data or designs by mechanical transfer of ink or dye to the surface of materials with the aid of type, plates, rolls, and the like. Includes the preparation of type and plate for machines and mechanical bookbinding.

650 Typesetters and Composers
This group includes occupations concerned with assembling and setting type matter for printing by means of typesetting or composing machines. Includes linotype machines which assemble letters into lines and cast strips of type from type metal; and monotype machines which compose type matter in separate letters.

650.582 LINOFILM-MACHINE OPERATOR (clerical)

LINOTYPE OPERATOR (print. & pub.)
composing-machine operator

MONOTYPE-KEYBOARD OPERATOR (print. & pub.; type founding)
composing-machine operator
monotype operator

PHOTOTYPESETTER OPERATOR (print. & pub.)
photosetter

650.782 PHOTOCOMPOSING-MACHINE OPERATOR (print. & pub.)
typesetter

650.885 TYPESETTING-MACHINE TENDER (print. & pub.)
teletypesetter monitor

651. Printing Press Occupations
This group includes occupations concerned with producing copies of designs or lettering by transferring ink or pigment on type, plates, or rolls to paper or similar materials by means of a printing press. Includes cylinder presses, offset presses, and platen presses.

651.130 FOREMAN, PRESS-ROOM (print. & pub.)
press-room foreman

651.280 EXPERIMENTAL PRESSMAN (ink)

651.381 OVERLAY CUTTER (print. & pub.)

651.687 LITHOGRAPHED-PLATE INSPECTOR (tinware)

651.782 CYLINDER-PRESS MAN (print. & pub.)
cylinder-press operator
flatbed-press man
Check Imprinter (print. & pub.)
Envelope-Press Man (print. & pub.)
Kelley-Press Man (print. & pub.)
Label-Press Man (print. & pub.)
Miehle-Press Man, Vertical (print. & pub.)

651.782 Con. Pony-Cylinder-Press Man (print. & pub.)

FLEXOGRAPHIC-PRESS MAN (print. & pub.) II

CYLINDER-PRESS-MAN APPRENTICE (print. & pub.)

ENGRAVING-PRESS OPERATOR (print. & pub.)
die-stamping-press operator

FLEXOGRAPHIC-PRESS MAN (print. & pub.) I

LITHOGRAPHIC-PROOFER APPRENTICE (print. & pub.)
proofer apprentice

OFFSET-DUPLICATING-MACHINE OPERATOR (print. & pub.)

OFFSET-PRESS MAN (print. & pub.)
lithographic pressman
offset-press operator

OFFSET-PRESS-MAN APPRENTICE (print. & pub.)
lithographic-press man apprentice

PLATEN-PRESS MAN (print. & pub.)
make-ready man
platen-press operator

PLATEN-PRESS-MAN APPRENTICE (print. & pub.)
make-ready-man apprentice

PRINTER-SLOTTER OPERATOR (paper goods)
cutting-and-creasing-press operator

PRINTING-PRESS OPERATOR (bal. & scales)

PROOF-PRESS MAN (print. & pub.)
galley boy
imprinting-machine operator
proof boy
proofer

LITHOGRAPHIC PROOFER (print. & pub.)

OFFSET-PROOF-PRESS OPERATOR (print. & pub.)

ROTOGRAVURE-PRESS MAN (print. & pub.)

STEEL-DIE PRINTER (print. & pub.)
plate-press operator
plate printer

STRIPPER MAN (paper goods)

TAB-CARD-PRESS OPERATOR (print. & pub.)

TRANSFER OPERATOR (print. & pub.)

WEB-PRESS MAN (print. & pub.)
web-press operator
Colorman (print. & pub.) II
Tension Man (print. & pub.)

WEB-PRESS-MAN APPRENTICE (print. & pub.)
newspaper-press-man apprentice

651.885 DESIGN PRINTER, BALLOON (rubber goods)
balloon printer
Design Printer, Hand (rubber goods)
Design Printer, Machine (rubber goods)

OFFSET-PRESS OPERATOR (print. & pub.) II

PLATEN-PRESS FEEDER (print. & pub.)
Cloth Printer (ammunition)

651.886 CYLINDER-PRESS FEEDER (print. & pub.)
cylinder-press-man helper
flat-bed-press feeder
Lithographic-Press Feeder (print. & pub.)
Pony-Cylinder-Press Feeder (print. & pub.)

LITHOGRAPHIC-PRESS-FEEDER APPRENTICE (print. & pub.)
lithographic-press-assistant apprentice
press-feeder apprentice.

PRESS-MAN HELPER (fabric. plastics prod.)

652. Printing Machine Occupations
This group includes occupations concerned with printing designs or lettering on surfaces of paper, wood, cardboard, or other materials by means of machines other than presses.

652.130 FOREMAN, PRINTING AND STAMPING (jewlery cases)

652.138 FOREMAN, DECORATING (glass mfg.)

PRODUCTION MANAGER, REPRODUCTION (print. & pub.)

652.587 CLOTH-PRINTING INSPECTOR (textile)

652.687 WALLPAPER INSPECTOR (wallpaper)
Trial-Run Inspector (wallpaper)
Wallpaper Tester (wallpaper)

INSPECTOR AND SHIPPER (wallpaper)

652.780 DECORATING-EQUIPMENT SETTER (glass mfg.)

652.782 BOX PRINTER (any ind.)
box-press man
box-printing-machine operator
printer man
printing-machine operator
wood printer
CLOTH PRINTER (any ind.)
printing-machine operator
Novelty-Printing-Machine Operator (textile)
PLISSÉ-MACHINE OPERATOR (textile)
GLOVE PRINTER (glove & mit.)
LITHOGRAPH-PRESS MAN, TINWARE (tinware)
MARKER (firearms)
gun numberer
piece marker, small arms
PRESSMAN (fabric. plastics prod.) I
flexigraphic printer
printer, plastic
PRINTING-MACHINE OPERATOR, TAPE RULES (cut. tools)
RUBBER-PRINTING-MACHINE OPERATOR (rubber goods)
leader, print rubber
SCREEN-PRINTING-MACHINE OPERATOR (textile)
automatic-silk-screen printer
SQUEEGEE-MACHINE OPERATOR, AUTOMATIC (glass mfg.)
STRIPING-MACHINE OPERATOR (insulated wire)
TIP PRINTER (hat & cap)
lining printer
printer
WALLPAPER PRINTER (wallpaper) I
surface printer
652.885 CARTON MARKER, MACHINE (boot & shoe)
box marker
box stamper, machine
CODING-MACHINE OPERATOR (electronics)
COLOR CODER (electronics)
CUTTING-AND-PRINTING-MACHINE OPERATOR (tex. bag)
pressman
DECORATING-MACHINE OPERATOR (glass prod.)
EMBOSSING-PRESS OPERATOR (any ind.)
stamping-press operator
FILM NUMBERER (motion pic.)
edge numberer
GLOVE TAGGER (glove & mit.)
tagger
INK PRINTER (jewelry cases)
JACKMAN (textile)
copper-roller handler, printing
forcing-machine operator, printing
mandrel-press hand
printing-roller handler
rollerman
shellman
KEYING-MACHINE OPERATOR (print. & pub.)
LAY-OFF MAN (carpet & rug; garment; house furn.)
stamper
MARKING-MACHINE OPERATOR (knit goods)
MILK-BOTTLE-CAP-MAKING-MACHINE OPERATOR (paper goods)
NAME-PLATE STAMPER (any ind.)
PHOTOLETTERING-MACHINE OPERATOR (print. & pub.)
typesetter
PIN-TICKET-MACHINE OPERATOR (any ind.)
size-ticket-pinner operator
PRESS FEEDER (tinware)
PRINTER (pen & pencil)
PRINTER, FLOOR COVERING (linoleum)
PRINTING-MACHINE OPERATOR, FOLDING RULES (cut. tools)
ROLLER OPERATOR (toys & games)
SOABAR-MACHINE OPERATOR (garment)
STENCILING-MACHINE TENDER (glass mfg.)
squeegee operator
squeegee-machine tender
STENCIL-MACHINE OPERATOR (textile)
STRICKLER ATTENDANT (linoleum)
color-depositing-machine tender
STRIKE-OFF-MACHINE OPERATOR (textile)
TICKETER (any ind.)
hanger stamper
label stamper

652.885 Con. ticket stamper
ticket writer
TUBE BRANDER (rubber tire & tube)
inner-tube stenciler
tube marker
tube mounter
tube-stenciler operator
VIGOUREUX PRINTER (textile)
WAD-PRINTING-MACHINE OPERATOR (ammunition)
652.886 BASE BRANDER (electronics)
shell marker
tube brander
GRAINER, MACHINE (any ind.)
GREY-CLOTH TENDER, PRINTING (textile)
grey-cloth boy
grey tender
LOADER-UNLOADER, SCREEN-PRINTING MACHINE (textile)
RAISED PRINTER (print. & pub.)
thermograph operator
WARE SERVER (glass mfg.)
652.887 COLOR BOY, PRINTING (textile)
color dipper
COLOR-MIXER HELPER (wallpaper)
PAINT POURER (linoleum)
PAPER MAN (wallpaper)
stockman
PASTER, SCREEN PRINTING (textile)
stretcher
PIN BOY, SCREEN PRINTING (textile)
lay-down boy
PLATER GIRL (paper & pulp)
PRINTER, FLOOR COVERING, ASSISTANT (linoleum)
WALLPAPER-PRINTER HELPER (wallpaper)
back tender
color boy

653. Bookbinders and Related Occupations

This group includes occupations concerned with affixing covers to sewn signatures, compressing books to size, stiffening backs of book bodies with glue, forming joints of book covers and bodies, reinforcing backs of books with fabric strips, gluing cover boards to end sheets, and drying books.

653.131 FOREMAN, BINDERY (print. & pub.)
bindery chief
bookbinder, chief
bookbinder foreman
hand-bookbinder foreman
Assembly-Room Foreman (print. & pub.)
653.687 COLLATOR (print. & pub.)
653.780 CASING-IN-LINE SET-UP MAN (print. & pub.)
machine adjuster
FOLDING-MACHINE SET-UP MAN (print. & pub.)
folding-machine adjuster
GATHERING-MACHINE SET-UP MAN (print. & pub.)
gathering-machine adjuster
PERFECT-BINDER SET-UP MAN (print. & pub.)
perfect-binder operator
STITCHING-MACHINE SET-UP MAN (print. & pub.)
stitching-machine adjuster
653.782 COVERING-MACHINE OPERATOR (print. & pub.)
FOLDING-MACHINE OPERATOR (print. & pub.)
folder, machine
HEAD-BANDER-AND-LINER OPERATOR (print. & pub.)
SADDLE-STITCHING-MACHINE OPERATOR (print. & pub.)
SIDE-STITCHING-MACHINE OPERATOR (print. & pub.)
653.885 BOOK-SEWING-MACHINE OPERATOR (print. & pub.) I
blankbook-stitching-machine operator
book sewer
tape-sewing-machine operator
COLLATING-MACHINE OPERATOR (print. & pub.)
set-making-machine operator
ROUNDING-AND-BACKING-MACHINE OPERATOR (print. & pub.)
rounder
rounder and backer

653.885 Con. SPIRAL BINDER (paper goods; print. & pub.)
wire-spiral binder
653.886 CASING-IN LINE FEEDER (print. & pub.)
caser-in
FOLDING-MACHINE FEEDER (print. & pub.)
GATHERING-MACHINE FEEDER (print. & pub.)
PERFECT-BINDER FEEDER (print. & pub.)
Perfect-Binder Off-Bearer (print. & pub.)
STITCHING-MACHINE FEEDER (print. & pub.)
Stitching-Machine Off-Bearer (print. & pub.)

654. Typecasters and Related Occupations

This group includes occupations concerned with casting and assembling type into equipped form for printing by means of machines that select, cast, cool, and assemble type on sticks.

654.688 MATRIX INSPECTOR (type founding)
654.782 CASTING-MACHINE OPERATOR (print. & pub.; type founding)
caster operator
monotype caster
type caster
LUDLOW-MACHINE OPERATOR (print. & pub.)
654.887 PAGER (type founding)

659. Printing Occupations, n.e.c.

This group includes occupations, not elsewhere classified, concerned with producing copies of designs or lettering by transferring ink or pigment to paper or other material.

659.130 FOREMAN, PRINTING-SHOP (print. & pub.)
printing foreman
shop foreman
659.380 PLATE FINISHER (print. & pub.)
659.468 SERVICEMAN, ELECTROTYPE (print. & pub.)
659.687 COUNTER (print. & pub.)
INKMAN (print. & pub.)
RACKER, SILK-SCREEN PRINTING (any ind.)
659.781 DIE MOUNTER (paper goods)
659.782 COMMODITY-PLATE-EQUIPMENT OPERATOR (bal. & scales)
machine operator, commodity plates
CUT-AND-PRINT-MACHINE OPERATOR (ammunition)
EMBOSSER (print. & pub.) I
EMBOSSING-PRESS OPERATOR (print. & pub.)
embosser
EMBOSSING-PRESS-OPERATOR APPRENTICE (print. & pub.)
embossing-press-man apprentice
RULING-MACHINE OPERATOR (paper goods; print. & pub.)
L-Type-Ruling Machine Operator (print. & pub.)
SIGN WRITER MACHINE (any ind.)
display-card writer
sign printer
TRANSFER-MACHINE OPERATOR (hosiery)
659.885 PAPER CONDITIONER (print. & pub.)
paper-conditioning-machine operator
PERFORATING-MACHINE OPERATOR (print. & pub.)
perforator operator
SAMPLE-BOOK MAKER (wallpaper)
Sheeter-Machine Operator (wallpaper)
SHOTGUN-SHELL-REPRINTING-UNIT OPERATOR (ammunition)
shell-reprint operator
659.887 JOGGER (print. & pub.)
sheet layer

66 WOOD MACHINING OCCUPATIONS

This division includes occupations concerned with shaping wooden parts or products by removing excess material from stock or objects, primarily by such means as cutting, boring, abrading, milling, and planing. Includes laying-out, job setting, repairing, fitting, and assembling. Includes machining cork and corncob pipes.

660. Cabinetmakers

This group includes occupations concerned with the complete cycle of cutting, shaping, and assembling prepared parts of complex wood products, such as store fixtures, office equipment, and home furniture. A cabinetmaker would operate a variety of machines, such as the band-saw, jointer, mortiser, tenoner, molder, gainer,

and variety machine. Workers who are primarily concerned with one or a limited number of machine phases would be classified according to their specialty.

660.131 CABINETMAKER FOREMAN (woodworking)

660.280 CABINETMAKER (woodworking)
carpenter, bench
Cabinetmaker, Maintenance (woodworking)
Piano-Case Maker (musical inst.)
REFRIGERATOR CABINETMAKER (refrigerat. equip.)
CABINETMAKER APPRENTICE (woodworking)

661. **Patternmakers**
This group includes occupations concerned with laying-out, cutting, building, and fashioning for use wooden patterns. Includes following blueprints to achieve proper dimensions of a pattern, and any combination of gluing, nailing, severing, planing, sanding, and painting. A patternmaker would use a variety of machines, such as the bandsaw, circular saw, borer, router, planer, drill press, sander, and shaper.

661.131 LOFTSMAN, HEAD (ship & boat bldg. & rep.)

661.281 PATTERNMAKER APPRENTICE, WOOD (found.)
PATTERNMAKER, WOOD (found.)
master pattern man
wood patternmaker
Die-Cast Patternmaker (found.)
Die-Lay-Out Man (found.)
PATTERN SETTER (found.) I
pattern repairman

661.380 MODEL MAKER, WOOD (any ind.)

661.381 HAT-BLOCK MAKER (shaped wood. art.)
hat-block bench-hand
LOFTSMAN (ship & boat bldg. & rep.)
mold loftsman
PLUG BUILDER (ship & boat bldg. & rep.)
LOFTSMAN APPRENTICE (ship & boat bldg. & rep.)
SPINDLE CARVER (woodworking)
carver, machine
carving-machine operator

662. **Sanding Occupations**
This group includes occupations concerned with smoothing, cleaning, and roughing wood surfaces by means of sandpaper or similar abrasives.

662.782 MOLDING SANDER (woodworking)
automatic-mold sander
contour sander
Float Sander (woodworking)
MULTIPLE-DRUM SANDER (woodworking)
bed sander
drum sander
four-drum sander
three-drum sander
Endless-Bed-Drum Sander (woodworking)
Veneer Sander (woodworking)
STROKE-BELT-SANDER OPERATOR (woodworking)
circular-sander operator
elbow-sander operator
stroke sander

662.885 CORK GRINDER (sports equip.)
grinder operator
CYLINDER-SANDER OPERATOR (woodworking)
Dowell-Sander Operator (woodworking)
Handle-Sander Operator (woodworking)
Pole-Sander Operator (woodworking)
SANDER, WOODEN PENCILS (pen & pencil)
LAST SCOURER (lasts & rel. forms)
last grinder
SANDING-MACHINE BUFFER (cork prod.)
SANDING-MACHINE TENDER (cork prod.)
grinding operator
polisher and sander
SIZING-MACHINE OPERATOR (pen & pencil)
drum sander
end trimmer
trimmer
SPEED-BELT-SANDER OPERATOR (woodworking)
TURNING-SANDER OPERATOR (woodworking)
broom-sander operator
lathe sander

662.885 Con.
nash sander
post sander
sanding-machine operator, automatic
BOWL SANDER (smoking pipe)
nash sander
WOOD-HEEL BACK-LINER (boot & shoe)
quirk sander

662:886 END-TOUCHING-MACHINE OPERATOR (cork prod.)
MULTIPLE-DRUM-SANDER HELPER (woodworking)
drum-sander off-bearer

663. **Shearing and Shaving Occupations**
This group includes occupations concerned with cutting, slicing, and shaving wood by the action of a keen-edged cutting tool mounted in a machine.

663.782 POLE-PEELING-MACHINE OPERATOR (sawmill; wood preserving)
pole peeler
pole shaver
VENEER-LATHE OPERATOR (basketry; veneer & plywood)
rotary-slicing-machine operator
rotary-veneer-machine operator
veneer cutter
veneer-machine operator
BACK-ROLL-LATHE OPERATOR (basketry; wood. box)
VENEER-SLICING-MACHINE OPERATOR (veneer & plywood)
straight-slicing-machine operator
WOOD-CARVING-MACHINE OPERATOR (woodworking)
carver, machine
carving-machine operator, automatic
multiple-spindle carver
multiple-spindle-carving-machine operator
wood carver, multiple spindle

663.885 CLIPPERMAN, AUTOMATIC (veneer & plywood)
clipperman
defect cutter
EXCELSIOR-MACHINE OPERATOR (excelsior)
excelsior-machine feeder
shredder operator
shredding-machine operator
MOLDING CUTTER (woodworking)
miter chopper
Miter-Shaver Operator (woodworking)
Shim Cutter (plan. mill)
PUNCH MAN (shaped wood. art.)
ROUNDING-MACHINE OPERATOR (pen & pencil)
shaping-machine operator
SHAKE BACKBOARD NOTCHER (sawmill)
backer board
SKIVER (cork prod.)
SLICING-MACHINE OPERATOR (window shade & fix.)
SPLITTERMAN (sawmill)
axman
SPLITTING-MACHINE OPERATOR (cork prod.)
STAVE-MACHINE OPERATOR (basketry)
slat sawyer
VENEER CLIPPER (veneer & plywood)
drop clipper
veneer-clipper-and-matcher
veneer-clipper operator
veneer-clipping-machine operator
veneer cutter
veneer trimmer

663.886 BLOCK FEEDER (match)
CORK-TAPERING-MACHINE OPERATOR (cork prod.)
Snapper-Machine Operator (cork prod.)
DISK CUTTER AND INSPECTOR (cork prod.)
POLE-PEELING-MACHINE-OPERATOR HELPER (sawmill; wood preserving)
pole-peeler helper
pole-shaver helper
SLICING-MACHINE OPERATOR (cork prod.)

664. **Turning Occupations**
This group includes occupations concerned with shaping wood by the paring or chipping action of rigid cutting tools applied to wood rotating on a lathe.

664.782 BARREL-LATHE OPERATOR, INSIDE (cooperage)
keg-lathe operator, inside
BARREL-LATHE OPERATOR, OUTSIDE (cooperage)
barrel planer
lathe operator
BOWL TURNER (smoking pipe)
hand turner
SKIVING-MACHINE OPERATOR (firearms)
SPAR-MACHINE OPERATOR (wood preserving)
SWING-TYPE-LATHE OPERATOR (woodworking)
lathe operator, automatic
variety-lathe operator
Bat-Lathe Operator (shaped wood. art.)
Handle-Lathe Operator (woodworking)
WOOD-TURNING-LATHE OPERATOR (woodworking)
wood-lathe operator

664.883 LATHE SPOTTER (veneer & plywood)
block hanger
lathe charger
log swinger

664.885 BRIAR CUTTER (smoking pipe)
BUCKET CHUCKER (cooperage)
tub chucker
COPY-LATHE OPERATOR (woodworking)
Last Turner (lasts & rel. forms)
Stock Turner (firearms)
FRAZER (smoking pipe)
SHUTTLE SPOTTER (shaped wood. art.)
SPAR-MACHINE-OPERATOR HELPER (wood preserving)

665. **Milling and Planing Occupations**
This group includes occupations concerned with cutting a smooth surface on rough wood stock and reducing it to desired thickness by the action of rotating cutting tools mounted on a machine.

665.782 CHUCKING-MACHINE OPERATOR (woodworking)
Double-End-Chucking-Machine Operator (woodworking)
DADO OPERATOR (woodworking)
dado-saw operator
recessing-machine operator
Cleat Notcher (wood. box)
Partition Notcher (wood. box)
Strap Recesser (wood. box)
Warble-Saw Operator (woodworking)
DOWEL-MACHINE OPERATOR (woodworking)
dowel-sticker operator
Handle-Rounder Operator (shaped wood. art.)
HEADERMAN (wood preserving)
MORTISING-MACHINE OPERATOR (woodworking)
Chain-Mortiser Operator (woodworking)
Chisel-Mortiser Operator (woodworking)
LOUVER-MORTISER OPERATOR (plan. mill)
RAFTER-CUTTING-MACHINE OPERATOR (plan. mill)
rafter-cutter operator
ROUTER OPERATOR (woodworking)
router
router hand
router-machine operator
routing-machine operator
variety router
Handhole-Machine Operator (wood. box)
Multiple-Spindle-Router Operator (woodworking)
LOCK-CORNER-MACHINE OPERATOR (woodworking)
Dovetail-Machine Operator (woodworking)
SHAPER OPERATOR (woodworking)
detail-shaper operator
frazer-machine operator
wood-shaper operator
Double-Spindle-Shaper Operator (woodworking)
Small-Parts-Shaper Operator (woodworking)
PANEL-RAISER OPERATOR (plan. mill)
panel raiser
panel raiser, hand
panel-raiser-machine operator

665 782 Con. TIMBER-SIZER OPERATOR (plan. mill)
planer operator
VENEER JOINTER (veneer & plywood)
665.885 BOTTOM-TURNING-LATHE OPERATOR (cooperage)
END FRAZER (smoking pipe)
stem frazer
PLOW-AND-BORING-MACHINE OPERATOR (plan. mill)
sash stickerman
PLYWOOD-SCARFER OPERATOR (veneer & plywood)
scarfer operator
STOCK CHECKERER (firearms) II
checkering-machine operator
grip checkerer, machine
665.886 STAVE-PLANER OPERATOR (sawmill)
planer feeder
planer operator
STAVE-PLANER OPERATOR HELPER (sawmill)
planer-operator helper

666. Boring Occupations

This group includes occupations concerned with piercing wood by means of rotary cutting tools advanced into the wood in the direction of the tool's axis to make, enlarge, or thread holes.

666.782 BORING-MACHINE OPERATOR (woodworking)
boring-machine operator, multiple spindle
Boring-Machine Operator, Double End (woodworking)
Boring-Machine Operator, Horizontal (woodworking)
Boring-Machine Operator, Vertical (woodworking)
Cluster-Bore Operator (wordworking)
Gang-Bore Operator (woodworking)
BUNGHOLE BORER (cooperage)
borer
bung driller
bunghole-boring-machine operator
drill-press operator
DRILLER AND PLUGGER (sports equip.)
DOUBLE-END-TRIMMER-AND-BORING-MACHINE OPERATOR (furn.)
boring-machine-and-double-end-trimmer operator
double-end-miter-and-boring-machine operator
PREFITTER, DOORS (woodworking)
PULLEY-MORTISER OPERATOR (plan. mill)
frame-pulley-mortising-machine operator
666.885 SMOKING-PIPE DRILLER AND THREADER (smoking pipe)
viking man
STEMHOLE BORER (smoking pipe)
666.886 CORK-SHELLING-MACHINE OPERATOR (cork prod.)

667. Sawing Occupations

This group includes occupations concerned with severing or shaping wood by the reciprocal or rotary cutting action of a blade which wears out a kerf.

667.382 STOCK GRADER (woodworking)
Cut-Off-Saw Grader (woodworking)
Ripsaw Grader (woodworking)
667.687 CEDAR MAN (sawmill)
667.780 KNIFE SETTER (excelsior)
667.782 BAND-SCROLL-SAW OPERATOR (woodworking)
band-saw operator
scroll-saw operator
tilting-head band-sawyer
BOTTOM-SAW OPERATOR (sawmill)
CASEY-SAW OPERATOR (plan. mill)
CHUCKING-AND-SAWING-MACHINE OPERATOR (woodworking)
CORNER-BRACE-BLOCK-MACHINE OPERATOR (furn.)
corner-block cutter
CORNER-TRIMMER OPERATOR (wood. box)
corner cutter
corner man
corner trimmer
CROZE-MACHINE OPERATOR (cooperage)
crozer
crozer operator
croze-saw operator

667.782 Con. crozing-machine operator
CUT-OFF-SAW OPERATOR (woodworking)
cross-cut-saw operator
trimmer operator
Double-Cut-Off-Saw Operator (woodworking)
Drum-Saw Operator (plan. mill)
Equalizing-Saw Operator (woodworking)
Multiple-Cut-Off-Saw Operator (veneer & plywood; wood. box)
EDGER MAN (sawmill) I
pony edger man
EDGER MAN, AUTOMATIC (sawmill)
edger man
GANG SAWYER (sawmill)
Circular-Gang-Saw Operator (sawmill)
Sash-Gang-Saw Operator (sawmill)
GANG SAWYER, AUTOMATIC (sawmill)
log-gang sawyer
HEADING-SAW OPERATOR (sawmill)
HEAD SAWYER (sawmill)
band-log-mill-and-carriage operator
band-sawmill operator
Band-Head-Saw Operator (sawmill)
Circular-Head-Saw Operator (sawmill)
HEAD SAWYER, AUTOMATIC (paper & pulp; sawmill)
double-cut sawyer
JIGSAW OPERATOR (woodworking)
fret-saw operator
scroll-saw operator
Gang-Ripsaw Operator (woodworking)
LOG-CUT-OFF SAWYER, AUTOMATIC (sawmill)
cut-off sawyer
MACHINE-TANK OPERATOR (cooperage)
power-saw operator
PACKAGER, HEAD (sawmill)
POCKET CUTTER (plan. mill)
frame-gate-mortiser operator
gate cutter
gate-mortiser operator
Pocket-and-Pulley-Machine Operator (plan. mill)
RESAW OPERATOR (woodworking)
resaw-machine operator
resaw man
resawyer
resizer operator
splitter
Band-Resaw Operator (sawmill; wood. box)
Circular-Resaw Operator (sawmill; wood. box)
Multiple-Resaw Operator (wood. box)
RIP-AND-GROOVE-MACHINE OPERATOR (furn.)
RIPSAW OPERATOR (woodworking)
ripsaw operator, power-feed
ripsaw operator, self-feed
ripsawyer
Band-Ripsaw Operator (woodworking)
Circular-Ripsaw Operator (woodworking)
Swinging-Cut-Off-Saw Operator (woodworking)
Table-Cut-Off-Saw Operator (woodworking)
Tilting-Saw Operator (woodworking)
Timber Cutter (mining & quarrying)
Treadle-Cut-Off-Saw Operator (woodworking)
RIPSAW MATCHER (woodworking)
ROCK SAWYER (sawmill)
SAWMILL WORKER (sawmill)
SHAKE SAWYER (sawmill)
STAVE-BOLT EQUALIZER (sawmill)
equalizer
equalizer operator
STAVE-LOG-CUT-OFF SAW OPERATOR (sawmill)
cut-off-saw operator
STAVE-LOG-RIPSAW OPERATOR (sawmill)
splitter
STOCK CUTTER (plan. mill)
bill cutter
stock-saw operator
trim sawyer
STOCK-PATCH SAWYER (woodworking)
defect cutter

667.782 Con. TRIMMER MAN (sawmill)
VARIETY-SAW OPERATOR (woodworking)
combination-saw operator
universal-saw operator
Miter Sawyer (woodworking)
RADIAL-ARM-SAW OPERATOR (const.; woodworking)
667.885 BAND-SAW OPERATOR (cooperage)
hogshead head-matcher
BAND-SAW OPERATOR (woodworking) I
BEADING SAWYER (smoking pipe)
BLOCK SETTER (sawmill)
block placer
carriage rider
head-block setter
lumber setter
ratchet setter
setter
BOLTER (sawmill)
bolt sawyer
cut-off sawyer
knee bolter
short-log-bolter operator
short-log-saw operator
Cut-Off Sawyer, Shingle Mill (sawmill)
Scrap Sawyer (plan. mill; sawmill)
BUZZSAW OPERATOR (any ind.)
buzzsaw man
CIRCLE-CUTTING-SAW OPERATOR (basketry)
bottom turner
COB SAWYER (smoking pipe)
CUT-OFF SAWYER, LOG (paper & pulp; sawmill)
butt sawyer
deckman
deck sawman
timber trimmer
Pondsaw Operator (sawmill)
DOGGER (sawmill)
DOWEL POINTER (woodworking)
KERFER-MACHINE OPERATOR (furn.)
SAWYER, CORK SLABS (cork prod.)
SHINGLE-SAW OPERATOR (basketry)
SHINGLE SAWYER (sawmill)
SHINGLE TRIMMER (sawmill)
shingle-matic sawyer
SLASHER OPERATOR (paper & pulp; sawmill)
slasher
tail sawyer
wood sawyer
STAVE-SAW OPERATOR (cooperage)
bolt sawyer
cylinder sawyer
TURNING-MACHINE OPERATOR (basketry; cooperage)
rounder
rounding-machine operator
turner
turner-machine operator
Basket-Bottom-Rounding-Machine Operator (basketry)
Head-Turning-Machine Operator (cooperage)
667.886 CLOTHESPIN-MACHINE OPERATOR (shaped wood. art.)
LOG TURNER (sawmill)
log roller
TRIMMER HELPER (sawmill)
rebut-machine-tail-down man
rebut-machine-tail off-bearer
TURNING-MACHINE-OPERATOR HELPER (basketry; cooperage)
VENEER-JOINTER HELPER (veneer & plywood)
veneer-glue-jointer feedback man
veneer-jointer return-man
WOOD CUTTER, EXCELSIOR (excelsior)
log cutter, excelsior
log sawyer, excelsior
667.887 BUZZSAW-OPERATOR HELPER (any ind.)
cordwood-cutter helper
CANT SETTER (sawmill)
DECKMAN (sawmill)
log deckman
log handler
log roller
rampman
DROP-SORTER OPERATOR (sawmill)

668. **Chipping Occupations**
This group includes occupations concerned with shaping material by cutting away flakes or fragments with a hatchet or chisellike cutting tool utilizing a percussive power source.

668.137 WOOD-CREW FOREMAN (wood distil. & charc.)

668.782 CHIPPING-MACHINE OPERATOR (wallboard)
FLAKE-CUTTER OPERATOR (wallboard)
PROFILE-SHAPER OPERATOR, AUTOMATIC (woodworking)
contour profiler

668.885 CHIPPERMAN (paper & pulp; sawmill; wood distil. & charc.; woodworking)
CHIPPERMAN, LOG (paper & pulp)
log chipper
KNIFE SETTER, GRINDER MACHINE (paper & pulp)
knife changer
SCOOPING-MACHINE OPERATOR (furn.)
adzing-machine operator
saddle-seat-machine operator
scraper operator
seat scooper, machine

669. **Wood Machining Occupations, n.e.c.**
This group includes occupations, not elsewhere classified, concerned with shaping wooden parts or products by removing excess material from stock or objects.

669.130 FOREMAN, ASSEMBLY ROOM (window shade & fix.)
FOREMAN, CUTTING DEPARTMENT (pen & pencil)
FOREMAN, FRAMING MILL (wood preserving)
Foreman, Pole Yard (wood preserving)
Foreman, Tie Yard (wood preserving)
SET-UP MAN, SHUTTLE FITTING (shaped wood. art.)
SET-UP MAN, SHUTTLE PREPARATION (shaped wood. art.)
SET-UP MAN, SHUTTLE VENEERING (shaped wood. art.)

669.137 FOREMAN (woodworking)
mill foreman
Foreman, Assembly (woodworking)
Foreman, Finishing (woodworking)
Foreman, Gluing (woodworking)
Foreman, Laminating (woodworking)
Foreman, Machining (woodworking)
Foreman, Particle Board (particle board)
Foreman, Planing (woodworking)
Foreman, Sanding (woodworking)
Foreman, Sawmill (sawmill)
Foreman, Veneer (veneer & plywood)

669.138 WOOD-CREW FOREMAN (sawmill)
wood foreman

669.280 MACHINE SET-UP MAN (woodworking)
machinist
set-up man
Automatic-Lathe Set-Up Man (woodworking)
Double-End-Tenoner Set-Up Man (woodworking)
Drum-Sander Set-Up Man (woodworking)
Linderman Set-Up Man (woodworking)
Matcher Set-Up Man (woodworking)
Molder Set-Up Man (woodworking)
Planer Set-Up Man (woodworking)
Sander Set-Up Man (woodworking)
Set-Up Man, Bottle-Box Machine (wood. box)
Shaper Set-Up Man (woodworking)

669.380 MILLMAN (woodworking)
all-around-machine man
machinist, wood
woodworking millman
Door Maker (plan. mill)
Frame Maker (plan. mill)
Sash Maker (plan. mill)
MILLMAN APPRENTICE (woodworking)
PIPE-AND-TANK FABRICATOR (cooperage)

669.587 GRADER (woodworking)
lumber grader
lumber inspector
marker
sizer

669.587 Con.
Check Grader (woodworking)
Dock Grader (woodworking)
Dry-Lumber Grader (woodworking)
Flooring Grader (plan. mill)
Green-Chain Marker (sawmill)
Green-Lumber Grader (woodworking)
Milled-Lumber Grader (woodworking)
Planer-Mill Grader (plan. mill)
Puncher (plan. mill)
Rough-Lumber Grader (woodworking)
VENEER GRADER (veneer & plywood)
Plywood-Stock Grader (veneer & plywood)

669.687 DOWEL INSPECTOR (woodworking)
VENEER MATCHER (veneer & plywood)
splicer matcher

669.780 CHECKERING-MACHINE ADJUSTER (firearms)

669.782 ADZING-AND-BORING-MACHINE OPERATOR (wood preserving)
boring-and-adzing-machine operator
tie-mill operator
BARREL ASSEMBLER (cooperage)
Croze Cutter (cooperage)
Five-In-One-Machine Operator (cooperage)
Head-Up Man (cooperage)
Heater Man (cooperage)
Hoop-Driving-Machine Operator (cooperage)
Leveler (cooperage)
Sander (cooperage)
Tap-Out Man (cooperage)
Truss Driver (cooperage)
Truss Puller (cooperage)
BOX-BLANK-MACHINE OPERATOR (wood. box)
stitching-machine operator
Wire-Bound-Box-Machine Operator (wood. box)
BUCKET TURNER (cooperage)
tub turner
CHUCKING-AND-BORING-MACHINE OPERATOR (furn.)
chair-post-machine operator
DOWEL-INSERTING-MACHINE OPERATOR (plan. mill)
rail-doweling-machine operator
three-in-one-machine operator
EMBOSSING-MACHINE OPERATOR (mirror & pic. frames)
END STAPLER (wood. box)
end operator
FRAME-TABLE OPERATOR (wood preserving)
framing-mill operator
timber framer, machine
Pole Framer, Machine (wood preserving)
INLETTER (firearms)
LAST TRIMMER (lasts & rel. forms)
Heel Grinder (lasts & rel. forms)
Toe Stripper (lasts & rel. forms)
LINDERMAN OPERATOR (woodworking)
NAILING-MACHINE OPERATOR (any ind.)
box maker
nailer, machine
Bottom Nailer (wood. box)
Cleat Nailer (wood. box)
Frame Nailer (wood. box)
Lidding-Machine Operator (any ind.)
PLUGGING-MACHINE OPERATOR (woodworking)
TENONER OPERATOR (woodworking)
Double-End-Tenoner Operator (woodworking)
End-Matcher Operator (woodworking)
TIP INSERTER (shaped wood. art.)
WOODWORKING-MACHINE OPERATOR (woodworking)
machine operator
Glue-Jointer Operator (woodworking)
Groover Operator (woodworking)
Heading-Jointer Operator (cooperage)
Jointer Operator (woodworking)
Matcher Operator (woodworking)
Molder Operator (woodworking)
Planer Operator (woodworking)
Stave-Jointer Operator (cooperage)

669.885 APRON MAN (veneer & plywood)
gateman
tipple man
BARREL-ASSEMBLER HELPER (cooperage)
Croze-Cutter Helper (cooperage)
Head-Up-Man Helper (cooperage)
Heater-Man Helper (cooperage)
Hoop-Driving-Machine-Operator Helper (cooperage)
Leveler Helper (cooperage)
Sander Helper (cooperage)
Truss-Driver Helper (cooperage)
Truss-Puller Helper (cooperage)
BASKET ASSEMBLER (basketry)
basket maker
Basket-Bottom-Machine Operator (basketry)
Bottom Maker (basketry)
Braider (basketry)
Cover-Machine Operator (basketry)
Cover-Mat-Machine Operator (basketry)
Hamper Maker, Machine (basketry)
Handle Bender (basketry; cooperage)
Handle-Machine Operator (basketry)
Hoop-Coiling-Machine Operator (basketry)
Loop-Machine Operator (basketry)
Market-Basket Maker, Machine (basketry)
Mat-Machine Man (basketry)
Slat-Basket-Top Maker (basketry)
Stitcher Operator (basketry)
Web Layer (basketry)
BLIND-SLAT-STAPLING-MACHINE OPERATOR (plan. mill)
BOTTOM-HOOP DRIVER (cooperage)
bottom-hoop-driving-machine operator
CLAMPMAN (woodworking)
Door-Clamp Operator (plan. mill)
Sash-Clamp Operator (plan. mill)
COAT-HANGER-SHAPER-MACHINE OPERATOR (shaped wood. art.)
CORE-LAYING-MACHINE OPERATOR (veneer & plywood)
CORRUGATED-FASTENER DRIVER (woodworking)
corrugator operator
end mender
shook splicer
splicer-machine operator
stapler operator
stitcher operator
Box-Top-Stitching-Machine Operator (wood. box)
Door-Frame Assembler, Machine (woodworking)
DOVETAIL-MACHINE OPERATOR (wood. box)
bumper operator
forming operator
DOWELING-MACHINE OPERATOR (woodworking) II
doweler
dowel-setting-machine operator
FRAME-TABLE-OPERATOR HELPER (wood preserving)
framing-mill-operator helper
GLUE-JOINTER HELPER (furn.)
HEADING-MACHINE OPERATOR (pen & pencil)
end trimmer
trimming-machine operator
NAILING-MACHINE OPERATOR, AUTOMATIC (any ind.)
automatic nailer
NAILING-MACHINE OPERATOR, AUTOMATIC (cooperage)
RIVETER (wood. box)
bulldozer
bulldozer operator
riveter operator
rivet header
rivet-header operator
SLAT-BASKET MAKER, MACHINE (basketry)
basket-factory machine hand
basket-machine operator

669.885 Con. SQUEEZER OPERATOR (wood. box)
squeezer man
STITCHING-MACHINE OPERATOR (cooperage)
TURNER (smoking pipe)
turning-machine operator
Cob Borer (smoking pipe)
VENEER REPAIRER, MACHINE (veneer & plywood)
Raimann-Machine Operator (veneer & plywood)
Skoog-Machine Operator (veneer & plywood)

669.886 BOX-BLANK-MACHINE-OPERATOR HELPER (wood. box)
Board Layer (wood. box)
Cleat Layer (wood. box)
Side Man (wood. box)
Top-and-Bottom Man (wood. box)
Wire-Bound-Box-Machine Helper (wood. box)
CHAINMAN (plan. mill; sawmill)
Dry Chainman (sawmill)
Green Chainman (plan. mill; sawmill)
Planer Chainman (plan. mill)
REED-PRESS FEEDER (wallboard)
WOODWORKING-MACHINE FEEDER (woodworking)
Adzing-and-Boring-Machine Feeder (wood preserving)
Boring-Machine Tender (woodworking)
Box-Blank-Machine Feeder (wood. box)
Flooring-Machine Feeder (plan. mill)
Hog Feeder (woodworking)
Linderman Feeder (woodworking)
Matcher Feeder (woodworking)
Molder Feeder (woodworking)
Planer Feeder (woodworking)
Resaw Feeder (woodworking)
Shake Feeder (sawmill)
Stitcher Feeder (wood. box)
Turner (shaped wood. art.)

669.887 LUMBER STRAIGHTENER (sawmill)
lumber guider
straightener
Edger Tailer (sawmill)
Sorter-Lumber Straightener (sawmill)
Stacker-Straightener Man (sawmill)
Trimmer Loader (sawmill)
Trimmer Tailer (sawmill)

67 OCCUPATIONS IN MACHINING STONE, CLAY, GLASS, AND RELATED MATERIALS

This division includes occupations concerned with shaping stone, clay, and glass parts or products by removing excess material from stock or objects, primarily by such means as cutting, boring, abrading, milling, and planing. Includes laying out, job setting, repairing, fitting, and assembling.

670. Stonecutters and Related Occupations

This group includes occupations concerned with trimming and surfacing blocks and slabs of stone to desired size, shape, or finish.

670.384 STONE GRADER (stonework)
checker
inspector

670.782 CRYSTAL CUTTER (electronics)
crystal-blank cutter
crystal-blank-cutting-machine operator
crystal dicer
crystal processor
cutter operator
diamond-saw operator
dicer
regular sawman
slicer
slicer and dicer
Quartz Cutter (electronics)
GANG SAWYER, STONE (stonework)
gang-saw operator
mill sawyer
power-saw operator
stone-saw operator
stone sawyer

670.885 STONE TRIMMER (stonework)
slate trimmer

673. Abrading Occupations

This group includes occupations concerned with smoothing, polishing, or sharpening stone, clay, or glass by the wearing away action of abrasives on plane or rotary action machine tools.

673.782 BEVELING-AND-EDGING-MACHINE OPERATOR (glass mfg.; mirror)
beveler
beveling-machine operator
FINGER-GRIP-MACHINE OPERATOR (mirror)
finger-pull-machine operator
FINISH OPENER, JEWEL HOLE (clock & watch)
jewel-hole finish opener
LENS-BLANK FINISHER (optical goods)
glass finisher
LENS-BLANK-THICKNESS GRINDER (optical goods)
MITERMAN (glass mfg.; mirror)
SANDBLASTER, STONE (stonework)
blastman
rubber cutter and shape carver
sandblast operator
STONE-LATHE POLISHER (stonework)
STONE MOLDER (stonework)
molder
molding-machine operator
STONE POLISHER, MACHINE (stonework)
buffer
finisher
polishing-machine operator
stone finisher
Granite Polisher, Machine (stonework)
Gritter (stonework)
Marble Polisher, Machine (stonework)
SLAB GRINDER (stonework)

673.885 ABRASIVE GRINDER (abrasive & polish. prod.)
facing grinder
radius grinder
BED RUBBER (stonework)
rubbing-bed operator
BEVELER (glass prod.)
BLOCKER (glass mfg.; mirror)
hand blocker
BLOCKER, AUTOMATIC (glass mfg.; mirror)
cleaning-machine operator
load blocker
CONVEX-GRINDER OPERATOR (button)
DIAMOND-DUST TECHNICIAN (abrasive & polish. prod.)
FUSION-JUNCTURE GRINDER (optical goods)
special grinder
GRINDING-MACHINE OPERATOR, AUTOMATIC (button)
belt-back operator
LENS-EDGE GRINDER, MACHINE (optical goods)
edger
lens edger
LENS-GENERATING-MACHINE TENDER (optical goods)
curve-generator operator
diamond-mill operator
grinder, automatic
lens generator
LEVEL-VIAL-INSIDE GRINDER (cut. tools)
glass grinder
MICROMACHINE OPERATOR (optical goods)
NOTCH GRINDER (glass prod.)
notcher
STONE ROUGHER (optical goods)
lens grinder, rough
stone operator
STRAIGHT-LINE EDGER (glass mfg.; mirror)
straight edger
STRIP POLISHER (stonework)

673.886 BURR GRINDER (optical goods)
edging-machine catcher
edging-machine feeder
LAYER (glass mfg.)
LENS EDGER, AUTOMATIC (optical goods)
edge grinder, automatic
STRIPPER (glass mfg.)
WEBER-EDGER OPERATOR (glass mfg.)
circle-edging-machine operator

673.887 JOINER (glass mfg.)

674. Turning Occupations

This group includes occupations concerned with shaping materials by the paring or chipping action of rigid cutting tools applied to material rotating on a lathe or similar machine.

674.782 FINISHING-MACHINE OPERATOR (abrasive & polish. prod.)
GLASS-LATHE OPERATOR (electronics)
Blank Horner (electronics)
STONE-LATHE OPERATOR (stonework)
lathe man
lathe operator
turner

675. Planing and Shaping Occupations, n.e.c.

This group includes occupations, not elsewhere classified, concerned with cutting a smooth surface on rough stock and reducing it to desired size by the action of rotating cutting tools; and imparting a particular shape to material.

675.280 FLAT-OPTICAL-ELEMENT MAKER (optical goods)
optical technician
test platemaker
Optical-Flat Maker (optical goods)

675.380 PRECISION-LENS GRINDER (optical goods)
lens grinder
optical technician
PRECISION-LENS-GRINDER APPRENTICE (optical goods)
instrument-lens-grinder apprentice
lens-grinder apprentice

675.782 CONTOUR GRINDER (stonework)
PLANER OPERATOR (elec. equip.)
PLANER, STONE (stonework)
planing-machine operator

676. Boring and Punching Occupations

This group includes occupations concerned with piercing material by means of rotary cutting tools or rigid tools advanced into the material to make, enlarge, or thread holes.

676.782 DRILLER, MULTIPLE SPINDLE (mirror)
STONE DRILLER (stonework)
driller
Drill Operator, Pneumatic (stonework)
Radial-Drill Operator (stonework)
Slate Cutter (stonework)

676.885 DRILLER (optical goods)
DRILLER, MACHINE (glass prod.)

677. Chipping, Cutting, Sawing, and Related Occupations

This group includes occupations concerned with shaping material by cutting away flakes or fragments with a hatchet or chisellike cutting tool utilizing a percussive power source and otherwise removing excess material or separating materials with cutting tools.

677.137 SUPERVISOR, AUTOMATIC-CUTTING MACHINES (glass mfg.)
glass-cutting-machine supervisor

677.782 BATT-MACHINE OPERATOR, INSULATION (wallboard)
CIRCULAR SAWYER, STONE (stonework)
carbo-saw operator
coping-saw operator
cut-off-saw operator
joint sawyer
rotary-saw operator
sawyer, circular saw
shaver
Diamond-Saw Operator (stonework)
Marble-Cutter Operator (stonework)
Slate-Cutter Operator (stonework)
CUTTING-MACHINE OPERATOR, AUTOMATIC (glass mfg.)
glass-cutting-machine operator
GLASS-CUT-OFF-MACHINE OPERATOR (glass mfg.)
cut-off-machine operator
HEAD-SAW OPERATOR, INSULATION BOARD (wallboard)
REFRACTORY-GRINDER OPERATOR (brick & tile)
RIPSAWYER, STONE (stonework)
drag sawyer
stone sawyer
STONECUTTER, MACHINE (stonework)
surfacer operator
surfacing-machine operator
TENONER OPERATOR (wallboard)

677.782 Con.
WIRE SAWYER (stonework)
finishing-wire sawyer
single-wire-saw operator
wire-saw operator
Contour-Wire Sawyer (stonework)
Multiple-Wire Sawyer (stonework)

677.885 CARBON CUTTER (elec. equip.)
GLASS-CUT-OFF-MACHINE UNLOADER (glass mfg.)
cut-off-machine unloader
cut-off-machine helper
GLASS-CUT-OFF MAN, HEAVY (glass mfg.)
GLASS CUTTER (optical goods)
SPLITTER OPERATOR (stonework)
jackhammer-splitter operator
stone splitter
SPLITTING-MACHINE OPERATOR (stonework)
guillotine cutter
STONE SPLITTER (conc. prod.)
splitter

677.886 BEVELING - AND - EDGING - MACHINE - OPERATOR HELPER (glass mfg.; mirror)
SAWYER (pipe & boiler cov.)

679. **Occupations in Machining Stone, Clay, Glass, and Related Materials, n.e.c.**

This group includes occupations, not elsewhere classified, concerned with shaping materials or products by removing excess material from stock or objects.

679.130 CRYSTAL-PROCESSING FOREMAN (electronics)
supervisor, material processing
FOREMAN (stonework)
Coping-and-Sawing Foreman (stonework)

679.380 OPTICAL MODEL MAKER AND TESTER (optical goods)
model maker-tester

679.587 STONE GRADER (mining & quarrying)
measurer

679.687 ASBESTOS-SHINGLE INSPECTOR (asbestos prod.)

679.782 BANDING-MACHINE OPERATOR (pottery & porc.)
gold bander
DECORATING-MACHINE OPERATOR (glass mfg.)
SALVAGE MAN (elec. equip.)
STAMPER, MACHINE (pottery & porc.)

679.884 BED SETTER (stonework)
filler
lumper
roller loader
scabbler
setter
stone banker

679.885 BUTTON-FACING-MACHINE OPERATOR (button)
LEVEL-GLASS-FORMING-MACHINE OPERATOR (cut. tools)
TURNING-AND-BEADING-MACHINE OPERATOR (needle, pin, & rel. prod.)

679.886 ASBESTOS-SHINGLE SHEARING-MACHINE OPERATOR (asbestos prod.)
cutter operator, asbestos shingle

68 **TEXTILE OCCUPATIONS**

This division includes occupations concerned with shaping, joining, spinning, weaving, and otherwise fabricating textiles, textile products, fur, and hair.

680. **Carding, Combing, Drawing, and Related Occupations**

This group includes occupations concerned with opening, separating, paralleling, and intermingling fibers; condensing, doubling, and lengthening them into a continuous, untwisted strand, and crimping fibers and strands.

680.380 CARD GRINDER (asbestos prod.; textile)
card fixer
card setter
Napper Grinder (textile)

680.387 ROVING SIZER (textile)

680.885 CARD STRIPPER (textile)
CARD TENDER (asbestos prod.; textile)
alley tender
card feeder
card hand
card operator
COMBER TENDER (textile)
DRAW-FRAME TENDER (cord. & twine)
combing-machine tender

680.885 Con.
DRAWING-FRAME TENDER (textile)
drawer
drawer and doubler
drawing-frame tender, first
drawing-machine operator
drawing tender
fly-drawing-frame tender
railway-head tender
DRAW-MACHINE OPERATOR (synthetic fibers)
FINISHER-CARD TENDER (asbestos prod.; textile)
card-finisher tender
tape-condenser operator
GILL-BOX TENDER (textile)
card-gill tender
gill tender
pin-drafting-machine operator
pin-machine man
LEASING-MACHINE TENDER (textile)
MIDDLE-CARD TENDER (textile)
alley tender
intermediate-card tender
MIXER (hat & cap)
blender
devil operator
devil tender
fur-mixer operator
mixer operator
mixing-machine operator
Conical Mixer (hat & cap)
Cylindrical Mixer (hat & cap)
MIXING-MACHINE OPERATOR (brush)
OPENER TENDER (textile)
bale-breaker operator
breaker operator
cotton opener
lumper
opening-machine tender
stock blender
vertical-cleaner operator
vertical-opener operator
PICKER-MACHINE OPERATOR (matt. & bedspring)
gin feeder
wooling-machine operator
Cotton Picker (matt. & bedspring)
Excelsior Picker (matt. & bedspring)
Fiber Picker (matt. & bedspring)
Sisal Picker (matt. & bedspring)
Tow Picker (matt. & bedspring)
PICKER TENDER (textile)
lapper
mix-picker operator
Breaker-Picker Tender (textile)
Burr-Picker Tender (textile)
Finisher-Picker Tender (textile)
Intermediate-Picker Tender (textile)
PICKING-MACHINE OPERATOR (any ind.)
picker-machine operator
shredder
willower
Hair-Picking-Machine Operator (felt goods; furn.)
Rag-Picker Operator (textile)
Tow-Picker Operator (furn.)
Wool-Picker Operator (textile)
RIBBON-LAP-MACHINE TENDER (textile)
carding doubler
lap-machine tender
SILK SPREADER (textile)
spreading-machine operator
SLIVER-LAP-MACHINE TENDER (textile)
carding doubler
lap regulator
lap-winding-machine operator
sliver-lap-winding operator
SLUBBER TENDER (textile)
intermediate-slubber tender
slubber
slubber hand
STAPLE CUTTER (textile)
chopper feeder
sliver chopper
stock cutter
waste chopper
CHOPPED-STRAND OPERATOR (glass mfg.)

680.885 Con.
STAPLE-PROCESSING-MACHINE OPERATOR (textile)
attenuator
STRAND-AND-BINDER CONTROLMAN (wallboard)
STRETCH-BOX TENDER (textile)
WASTE-MACHINE TENDER (textile; waste & batting)
cotton-waste cleaner
roving-waste-machine man
waste-cotton cleaner
waste duster
willow-machine operator
willow-machine tender
wooling man

680.886 CAN BOY (textile)
can doffer
can man
card doffer
Card Boy (textile)
MACHINE FEEDER, RAW STOCK (felt goods; house furn.; textile; waste & batting)
binman
feeder tender
hopper feeder
hopper tender
Carding-Machine Feeder (textile)
Garnett Feeder (house furn.; waste & batting)
Nub-Card Tender (textile)
Picker Feeder (house furn.; textile)

680.887 APRON CLEANER (asbestos prod.)
apron scratcher
card-apron cleaner
DROP-WIRE MAN (textile) I
drop-eye man
drop-wire hanger
wire dropper
ROLLER CLEANER (textile)
draft roller picker
frame cleaner
roller picker
top cleaner

681. **Twisting, Beaming, Warping, and Related Occupations**

This group includes occupations concerned with twisting together yarn, thread, twine, or cordage, without drawing it out, to impart such characteristics as strength, texture, resistance, and color tone; collecting the material upon beams or other devices, or gathering it into balls, bulk, coils, or skeins.

681.131 FOREMAN, TWISTING DEPARTMENT (fiber rugs)
twisting foreman

681.137 FOREMAN, PREPARATION DEPARTMENT (textile)
Foreman, Slashing Department (textile)
Foreman, Warping Department (textile)
FOREMAN, WINDING AND TWISTING DEPARTMENT (textile)
Foreman, Throwing Department (textile)

681.280 MACHINE FIXER (textile)
fixer
machine repairer
Card Fixer (textile)
Comber Fixer (textile)
Garnett Fixer (house furn.)
Gill-Box Fixer (textile)
Quiller-Machine Fixer (textile)
Spinning-Frame Fixer (textile)
Twisting-Frame Fixer (textile)
Winder Fixer (textile)
BOX TENDER (synthetic fibers)

681.685 COVERING-MACHINE-OPERATOR HELPER (textile)
elastic-yarn-twister helper

681.687 THREAD INSPECTOR (synthetic fibers)
Cake Inspector (synthetic fibers)
Sorter (synthetic fibers)
YARN EXAMINER (glass mfg.; synthetic fibers; textile)
cone inspector
filling inspector
finished-yarn examiner
quill inspector
yarn inspector

681.780 ROPE-MACHINE SET-UP MAN (cord. & twine)

681.782 DRESSER TENDER (textile)
thread dresser
warp dresser
warper tender
warping-mill operator
ROPE-MAKER, ROPEWALK (cord. & twine)
RUG SETTER, AXMINSTER (carpet & rug)
color-setting-machine operator
Rug Setter, Six-Quarter Machine (carpet & rug)
Rug Setter, Three-Quarter Machine (carpet & rug)
RUG SETTER, VELVET (carpet & rug)
color-setting-machine operator
681.885 BEAMER (textile)
dry slasher tender
rebeamer
BEAM-WARPER TENDER, AUTOMATIC (asbestos prod.; knit goods; narrow fabrics; textile)
beam warper
cotton warper
high-speed-warper tender
section beamer
section warper
tricot-warper tender
warp dresser
warper tender
BALL-WARPER TENDER (textile)
bailer tender
ball-thread-machine tender
ball winder
WARP SPOOLER (narrow fabrics; textile)
jackspooler
spooler
COILER (cord. & twine)
reeler
COVERING-MACHINE OPERATOR (textile)
elastic-yarn twister
rubber coverer
rubber-covering-machine operator
LONG-CHAIN BEAMER (textile)
beamer-chain tender
beaming-machine operator
chain beamer
pin beamer
section beamer
Silk Beamer (textile)
QUILLING-MACHINE OPERATOR, AUTOMATIC (narrow fabrics; textile)
automatic quiller operator
filling winder
radial-quilling-machine operator
universal-filling winder, automatic
universal-filling winder-tender, automatic
REELING-MACHINE OPERATOR (textile) II
reeler
reel tender
skein reeler
skein winder
yarn-reeling machine operator
yarn-skeining-reel operator
Floss Winder (textile)
Twine-Reeling-Machine Operator (cord. & twine)
GAS-REEL TENDER (textile)
ROPE-LAYING-MACHINE OPERATOR (cord. & twine)
rope-coiling-machine operator
rope-twisting-machine operator
ROPE MAKER, MACHINE (asbestos prod.)
SELVAGE-MACHINE OPERATOR (textile)
SKEINER (narrow fabrics)
skein winder
SKEIN WINDER (hosiery; knit goods; textile)
coner
spooler
swifter
swift tender
Lastex-Thread Winder (knit goods)
SPEEDER TENDER (textile)
fine-frame tender
fly-frame tender
intermediate-frame tender
jack-frame tender
roving-frame tender
SPINNING-MACHINE TENDER (cord. & twine)
SPLITTER (textile)

681.885 Con. SPOOLER (pen & pencil) I
SPOOLING-MACHINE OPERATOR (trim. & stamp. art goods)
winding-machine operator
CARDING-MACHINE OPERATOR (trim. & stamp. art goods)
STRAND-FORMING-MACHINE OPERATOR (cord. & twine)
TWISTER TENDER (asbestos prod.; glass mfg.; synthetic fibers; textile)
beam-twister tender
cable-twister operator
downtwister
filling-twister tender
twister spinner
twisting-frame operator
twisting operator
warp-twister tender
yarn doubler
Novelty-Twister Tender (textile)
THROWER (synthetic fibers)
twister
twisting operator
UPTWISTER TENDER (textile)
uptwist spinner
YARN-TEXTURING-MACHINE OPERATOR (textile) I
Fluflon-Machine Operator (textile)
Superloft-Twister Tender (textile)
TWISTER TENDER, PAPER (cord. & twine)
paper twister
TWISTING-MACHINE TENDER (fiber rugs)
twister operator
WARPER (narrow fabrics)
WARP-TYING-MACHINE TENDER (textile)
knotting-machine operator, portable
knot-tying operator
power-tying-machine operator
tie-in man
tying-in-machine operator
warp-tying-machine knotter
YARN WINDER (any ind.)
back winder
package winder
reeler
respooler
rewinder
spooler
winder
winding-machine operator
yarn rewinder
yarn-winding tuber
Bobbin Winder (textile)
Cake Winder (textile)
Cone Spooler (any ind.)
Cone Winder (textile)
Cop Winder (asbestos prod.; textile)
Foster-Winder Tender (any ind.)
Muff Winder (textile)
Piece Hand (textile)
Pirn Winder (textile)
Quill Winder (narrow fabrics)
Redraw Operator (textile)
Roto Coner (knit goods; textile)
Salvage Winder (knit goods; textile)
Spool Winder (textile) I
Tailing-Machine Operator (knit goods; textile)
Tube Winder (any ind.)
Twine Winder (cord. & twine)
Worsted Winder (textile)
DOUBLING-MACHINE OPERATOR (knit goods; textile)
doubler
multiple - tube - winding - machine operator
PRECISE WINDER (textile)
RUBBER-THREAD SPOOLER (sports equip.)
thread spooler
SINGE WINDER (textile)
681.886 BEAMER HELPER (textile)
BEAM MAN (textile)
beam doffer
beam rackman
lay-up man
warp clamper
warp hanger
warpman

681.886 Con. warp placer
warp trucker
681.887 WARP BOY, SORTING (textile)
cone boy, sorting
yarn man, warping
YARN CLEANER (any ind.)
bobbin fixer
clean-yarn man
filling inspector
repairer
repairman
tangled-yarn-spool straightener
yarn salvager

682. Spinning Occupations

This group includes occupations concerned with twisting together short fibers to form a continuous length of thread.

682.137 FOREMAN, SPINNING (textile)
682.687 ROVING-WEIGHT GAGER (textile)
682.885 BOBBIN WINDER, MACHINE (cord. & twine; hosiery; knit goods; textile)
BOBBIN WINDER, SEWING MACHINE (textile)
SPINNER, FRAME (asbestos prod.; textile)
filling spinner, frame
frame operator
spinner, japanese frame
spinning-frame tender
warp spinner, frame
weft spinner, frame
Spinner, Cap Frame (textile)
Spinner, Ring Frame (textile)
TWISTER (cord. & twine)
SPINNER, MULE (asbestos prod.; textile)
682.887 TRAVELER CHANGER (textile)

683. Weavers and Related Occupations

This group includes occupations concerned with interlacing two sets of threads to form a fabric.

683.130 FLOORLADY, ENDLESS-BELT-WEAVING DEPARTMENT (narrow fabrics)
LOOM-FIXER OVERSEER (narrow fabrics)
fixer foreman
WEAVE-ROOM FOREMAN (carpet & rug)
WEAVING FOREMAN (asbestos prod.; textile)
683.228 INSTRUCTOR, WEAVING (textile)
683.280 BRAID-PATTERN MAN (narrow fabrics)
braid maker
patternman, braid
LOOM FIXER (asbestos prod.; narrow fabrics; textile)
fixer
loom repairman
Dobby-Loom Fixer (textile)
Jacquard-Loom Fixer (textile)
Narrow-Fabric-Loom Fixer (narrow fabrics)
CARPET-LOOM FIXER (carpet & rug)
SWATCH CHECKER (textile)
683.380 HARNESS BUILDER (textile)
harness man, preparing
harness repairman
LOOM CHANGER (textile)
warp changer
LOOM STARTER (textile)
starter, weaving
warp starter
RUG-FRAME INSPECTOR (carpet & rug)
683.384 PATTERN-LEASE INSPECTOR (textile)
misdraw hand
683.487 BELTING-AND-WEBBING INSPECTOR (narrow fabrics)
webbing-and-belting inspector
683.684 HARNESS PULLER (textile)
warp starter
WEAVING INSPECTOR (textile)
cloth inspector
loom inspector
683.687 WARP-TENSION TESTER (textile)
tension checker
683.780 HARNESS MAN, PLACING-IN (textile)
harness tier
warp hanger
warp-tie-in man
HEDDLES TIER, JACQUARD LOOM (narrow fabrics; textile)
harness man
heddles tier

683.781 CHAIN BUILDER, LOOM CONTROL (textile)
chain-drive man
loom control
chainer
chain maker, loom control
chain pegger
chain splitter
pattern man, loom control

683.782 CARD CUTTER, JACQUARD (narrow fabrics; textile)
piano-machine operator

DRAWING-IN-MACHINE TENDER (textile)
drawer-in, machine

WEAVER (asbestos prod.; textile)
loom operator
weaver, broadloom
Sample Weaver (textile)
Weaver, Dobby Loom (textile)

CARPET WEAVER (carpet & rug)
Velvet Weaver (carpet & rug)

CARPET WEAVER, JACQUARD LOOM (carpet & rug)
Wilton Weaver (carpet & rug)

JACQUARD-LOOM WEAVER (narrow fabrics)

JACQUARD-LOOM WEAVER (textile)

LEVERS-LACE-MACHINE OPERATOR (textile)
Jacquard-lace weaver
lace-machine operator
twisthand

PLUSH WEAVER (textile)

WEAVER, NARROW FABRICS (asbestos prod.; narrow fabrics)
Ribbon Weaver (narrow fabrics)
Tape Weaver (asbestos prod.; narrow fabrics)

WEAVER, TIRE CORD (textile)

WEAVER (fiber rugs; paper goods)
Ribbon Backing Weaver (fiber rugs)
Scrim Weaver (fiber rugs)

WEAVER APPRENTICE (asbestos prod.; textile)
loom-operator apprentice

683.885 CARD CHANGER, JACQUARD LOOMS (narrow fabrics; textile)
card hanger
card man
jacquard-pattern serviceman
pattern changer and repairman
pattern hanger
pattern man

CARD LACER, JACQUARD (narrow fabrics; textile)
lacing-machine operator, jacquard cards

DRAWER-IN, HAND (narrow fabrics; textile)
drawer
draw-in and smash hand
drawing-in hand
draw-in hand
enterer
heddler
warp drawer
web drawer
Drawer-In, Dobby Loom (textile)
Drawer-In, Jacquard Loom (textile)
Drawer-In, Plain Loom (textile)

DRAWING-IN-MACHINE-TENDER HELPER (textile)
back-up man

LEASE-OUT MAN (textile)

PATTERN DUPLICATOR (textile)
repeater operator

SMASH HAND (narrow fabrics; textile)
smasher
smash fixer
smash mender
smash piecer

TWISTER-IN (narrow fabrics; textile)
tier-in
twister
warp twister

WEAVER, AXMINSTER (carpet & rug)

WEAVER, NEEDLE LOOM (narrow fabrics)
shuttleless-loom weaver

683.886 BATTERY LOADER (textile)
battery filler
battery girl or man
battery hand
hopper loader

683.886 Con.
magazine filler

683.887 DRAWER-IN HELPER, HAND (narrow fabrics; textile)
entering-room serviceman

HANDER-IN (narrow fabrics; textile)

HOOK PULLER (narrow fabrics)

LINGO CLEANER (textile)

LOOM CHANGEOVER OPERATOR (fiber rugs)
changeover operator

684. Hosiery Knitting Occupations

This group includes occupations concerned with interlacing a strand of yarn or thread in a series of connected loops to make hosiery.

684.137 FOREMAN (hosiery)
Floorlady (hosiery)
Foreman, Boarding (hosiery)
Foreman, Knitting (hosiery)
Foreman, Looping (hosiery)
Foreman, Mending (hosiery)
Foreman, Pairing and Inspecting (hosiery)
Foreman, Seaming (hosiery)
Foreman, Transferring and Boxing (hosiery)

684.280 LOOPER FIXER (hosiery)

684.384 QUALITY-CONTROL TESTER (hosiery)

684.684 STOCKING INSPECTOR (hosiery)
grey inspector
inspector and clipper
Knitting Inspector (hosiery)
Looping Inspector (hosiery)
Seaming Inspector (hosiery)
Sock Examiner (hosiery)

684.687 PAIRER (hosiery)
examiner
pairer-inspector
Pairer, Odds (hosiery)
Pairer, Substandard (hosiery)

RE-INSPECTOR (hosiery)
re-examiner

SIZER (hosiery)
length control tester
seamless sizer
size tester

684.782 KNITTING-MACHINE OPERATOR, FULL-FASHIONED HOSIERY (hosiery)

KNITTING-MACHINE OPERATOR, FULL-FASHIONED HOSIERY, AUTOMATIC (hosiery)

TRANSFER KNITTER (hosiery)
knitter

684.885 SEAMLESS-HOSIERY KNITTER (hosiery)
knitter
knitting-machine operator, automatic
knitting-machine operator, seamless hosiery
sock-knitting-machine operator
splitter
Sock Knitter (hosiery)

STOCKING RIBBER (hosiery)

684.886 CLIPPER, MACHINE (hosiery)
automatic clipper and stripper
clipper, automatic

685. Knitting Occupations, Except Hosiery

This group includes occupations concerned with interlacing a strand of yarn or thread in a series of connected loops to make a fabric or a knitted product other than hosiery.

685.137 WINDING FOREMAN (knit goods)

685.380 KNITTER MECHANIC (knit goods)
pattern-and-chain maker

LINK-AND-KNITTING-MACHINE OPERATOR (knit goods)
knitter, machine
knitting-machine operator, automatic
link-to-link knitter
links-machine knitter

685.687 CLOTH INSPECTOR (knit goods)
assembler

DISH-CLOTH INSPECTOR (knit goods)

FINISHED-STOCK TENDER (knit goods)

PATROLLER (knit goods)

685.780 THREADER (knit goods)

685.781 JACQUARD-PLATE MAKER (knit goods)
patternmaker

685.782 CROCHET-MACHINE OPERATOR (knit goods)
crocheter

LINK-AND-LINK-HAND-KNITTING-MACHINE OPERATOR (knit goods)
knitting-machine operator, hand
links-and-links hand-knitter

SURGICAL-ELASTIC KNITTER, HAND FRAME (surgical appl.)

685.885 CHAINMAN (knit goods)

KNITTER, FULL-FASHIONED GARMENT (knit goods)
transfer knitter

KNITTING-MACHINE OPERATOR (cord. & twine)
loom operator
netting-machine operator

KNITTING-MACHINE OPERATOR (knit goods)
knitter
knitter, machine
Cuff Knitter (knit goods)
Jersey Knitter (knit goods)
Rib-Cloth Knitter (knit goods)

CIRCULAR KNITTER (knit goods)

FLAT KNITTER (knit goods)
Anklet Knitter (knit goods)
Band Knitter (knit goods)
Collar Knitter (knit goods)
Muffler Knitter (knit goods)
Rib Knitter (knit goods)
Tie Knitter (knit goods)

WARP-KNITTING-MACHINE OPERATOR (knit goods)
knitter
Milanese-Knitting-Machine Operator (knit goods)
Raschel-Knitting-Machine Operator (knit goods)
Tricot-Knitting-Machine Operator (knit goods)

685.886 FRINGING-MACHINE OPERATOR (knit goods)
muffler fringer

KNITTING-MACHINE-OPERATOR HELPER (knit goods)
knitter helper
Circular-Knitter Helper (knit goods)
Flat-Knitter Helper (knit goods)
Tie-Knitter Helper (knit goods)

685.887 CUFF FOLDER (knit goods)
cuff turner

FORMER (knit goods)

LACE WINDER (tex. prod., n.e.c.)

NEEDLE CLEANER (knit goods)

PAD BOY (knit goods)

PAD CHANGER (knit goods)

PRESS HAND (knit goods)
boarder

ROLLER (knit goods)

TOPPER (knit goods)

686. Punching, Cutting, Forming, and Related Occupations

This group includes occupations concerned with piercing textiles by means of rigid cutting tools advanced into the material to make, enlarge, or thread holes; shaping the material by means of rigid or rotary cutting tools; and otherwise giving shape or form to material.

686.782 BAND-SAW OPERATOR (felt goods)

BIAS-CUTTING-MACHINE OPERATOR (knit goods; trim. & stamp. art goods)

DIE-CUTTING-MACHINE OPERATOR, AUTOMATIC (felt goods; textile)
die cutter

FELT-CUTTING-MACHINE OPERATOR (felt goods)
power-cutting-machine operator

RUG-CUTTER (fiber rugs)

686.885 CHIN-STRAP CUTTER (hat & cap)

CONTINUOUS PILLOWCASE CUTTER (textile)
pillowcase cutter

CUFF CUTTER (garment; glove & mit.)
knit-wrist cutter

CUTTER (house furn.) I

CUTTING-MACHINE OPERATOR (tex. bag)
sheet-cutting operator
Cotton-Bag-Cutting-Machine Operator (tex. bag)
Jute-Bag-Cutting-Machine Operator (tex. bag)
Waterproof-Bag-Cutting-Machine Operator (tex. bag)

686.885 FELT CUTTER (ammunition)
Con. FOLDER (narrow fabrics)
HANDLE-AND-VENT-MACHINE OPERATOR (matt. & bedspring)
NICKING-MACHINE OPERATOR (garment; textile)
PERFORATING-MACHINE OPERATOR (hat & cap)
clicker-machine operator
crown-perforator operator
eyelet cutter
perforator
perforator operator
puncher operator
punching-machine operator
punch operator
sweatband perforator
Brim Slotter (hat & cap)
Helmet-Hat Puncher (hat & cap)
Helmet-Hat-Sweat-Band Puncher (hat & cap)
PINKING-MACHINE OPERATOR (boot & shoe; garment)
pinker
PRESS OPERATOR (surgical appl.)
RIVET-HOLE PUNCHER (garment)
rivet-hole-machine operator
ROSETTE-MACHINE OPERATOR (trim. & stamp. art goods)
ribbon-looping-machine operator
SCALLOP CUTTER, MACHINE (embroid.)
SHOELACE-TIPPING-MACHINE OPERATOR (narrow fabrics)
shoelace tipper
tipping-machine operator, automatic
STRIP-CUTTING-MACHINE OPERATOR (any ind.)
slicer
slitter
Band-Cutting-Machine Operator (garment; knit goods)
Bias-Binding Cutter (trim. & stamp. art goods)
Binding Cutter (garment; textile)
Facing-Cutting-Machine Operator (garment)
Handkerchief Cutter (textile)
Piping-Cutting-Machine Operator (garment)
Suspender Cutter (garment)
Tape-Cutting-Machine Operator (garment; trim. & stamp. art goods)
WELT-TRIMMING-MACHINE OPERATOR (hat & cap)
brim-edge trimmer
welt cutter
686.886 ACETONER (garment)
seam dampener
FELT-TIPPING-MACHINE TENDER (pen & pencil)
tipping-machine operator

689. Textile Occupations, n.e.c.

This group includes occupations, not elsewhere classified, concerned with combining, spinning, weaving, knitting, and otherwise working textiles.

689.130 EMBROIDERY FOREMAN (embroid.)
foreman, production
FOREMAN, ROVING DEPARTMENT (synthetic fibers)
FOREMAN, WEAVING (fiber rugs)
weaving foreman
KNITTING-MACHINE FIXER, HEAD (hosiery; knit goods)
fixer foreman
689.137 CLOTH-GRADER FOREMAN (textile)
689.280 KNITTING-MACHINE FIXER (hosiery; knit goods)
QUILTER FIXER (house furn.)
SECTION MAN (textile) I
Section Man, Cards (textile)
Section Man, Drawing and Combers (textile)
Section Man, Opening and Picking (textile)
Section Man, Roving Frames (textile)
Section Man, Spinning (textile)
Section Man, Winding and Twisting (textile)
689.384 CLOTH TESTER, QUALITY (textile)
laboratory assistant
689.384 LABORATORY TESTER (textile) I
Con. roving tester, laboratory
test-room man
yarn checker
Yarn Tester (hosiery; knit goods; textile)
STROBOSCOPE MAN (textile)
stroborama man
strobotac man
689.387 CLOTH GRADER (textile)
cloth classer
hand inspector
second grader
seconds inspector
table inspector
689.584 CARPET INSPECTOR, FINISHED (carpet & rug)
689.684 BURLER (carpet & rug; textile)
cloth picker
knot picker, cloth
slug picker
string picker
Specker (textile)
689.685 CLOTH EXAMINER, MACHINE (textile)
cloth-defects examiner
cloth inspector
examining-machine operator
final inspector
inspecting-machine tender
mechanical inspector
percher
perch-machine inspector
selector
Asbestos-Cloth Inspector (asbestos prod.)
Base-Cloth Inspector (carpet & rug)
Finished-Cloth Examiner (textile)
Grey-Goods Examiner (textile)
Knitted-Cloth Examiner (knit goods)
Lace Inspector (knit goods)
Rechecker (textile)
Silk Examiner (textile)
Tire-Fabric Inspector (textile)
Woolens Examiner (textile)
HOOKER-INSPECTOR (textile)
cloth folder, machine
folding-machine operator
hooker operator
measuring-machine tender
yardage-machine operator
yarding-and-folding-machine operator
PICK-UP OPERATOR (textile)
689.687 CLOTH EXAMINER, HAND (narrow fabrics)
inspector
RUG INSPECTOR (fiber rugs)
YARN EXAMINER, SKEINS (textile)
finished-yarn examiner
skein examiner
skein inspector
yarn examiner, shipments
yarn inspector
689.780 EMBLEM DRAWER-IN (embroid.)
wrapper
NEEDLE-LOOM SET-UP MAN (felt goods)
689.782 AUTOMATIC-PAD-MAKING-MACHINE OPERATOR (waste & batting)
border-machine operator
LOOPER (hosiery; knit goods)
Garment Looper (knit goods)
Hosiery Looper (hosiery)
NEEDLE-FELT-MAKING-MACHINE OPERATOR (felt goods)
NEEDLE-LOOM OPERATOR (felt goods)
PUNCHER (embroid.)
SLITTING-AND-TWISTING-MACHINE OPERATOR (fiber rugs)
STITCHER (embroid.)
689.885 BACK TENDER, CLOTH PRINTING (textile)
BALL-FRINGE-MACHINE OPERATOR (trim. & stamp. art goods)
BALLING-MACHINE OPERATOR (textile)
ball winder
BATTING-MACHINE OPERATOR (textile; waste & batting)
BLANKET-CUTTING-MACHINE OPERATOR (textile)
BOBBIN PRESSER (tex. prod., n.e.c.)
BOBBIN STRIPPER (tex. prod., n.e.c.)
BOBBIN WINDER, MACHINE (boot & shoe)
689.885 BRAIDING-MACHINE OPERATOR (asbestos prod.; narrow fabrics)
Con. braider tender
BUFFING-WHEEL FORMER, AUTOMATIC (tex. prod., n.e.c.)
CLOTH-DOUBLING-AND-WINDING-MACHINE OPERATOR (textile)
cloth doubler, machine
doubler
doubler operator, cloth winding
doubling-and-rolling-machine operator
doubling-machine operator
wide-cloth folder
CLOTH REELER (textile)
reeling-machine operator
CLOTH WINDER (any ind.)
cloth beamer
cloth-roll winder
rebeamer
reroller
roller
rolling-machine operator
sewing-and-rolling-machine operator
tuber
winding-machine operator
Boiling-Off Winder (textile)
Cotton-Duck Winder (textile)
Reeling-and-Tubing-Machine Operator (textile)
BLOCKER (asbestos prod.; narrow fabrics)
Ribbon Blocker (narrow fabrics)
Spooler (narrow fabrics)
Tape Winder (asbestos prod.; narrow fabrics)
FISHING-LINE-WINDING-MACHINE OPERATOR (cord. & twine)
GARNETT-MACHINE OPERATOR (textile)
carder
devil tender
garnetter
garnetting-machine operator
linting-machine operator
waste-machine operator
GARNETTER (felt goods; house furn.; matt. & bedspring; waste & batting)
felter
felting-machine operator
HELMET COVERER (hat & cap)
cloth-covered-helmet puller
cloth coverer
crimping-machine operator
Helmet-Brim Coverer (hat & cap)
Helmet-Crown Coverer (hat & cap)
JIGGER-CROWN-POUNCING-MACHINE OPERATOR (hat & cap)
crown-finishing-machine operator
crown jigger, machine
crown pouncer
crown pouncer, machine
crown-pouncer operator
jigger-crown pouncer
pouncer
pouncer, machine
pouncing-machine operator
rough-crown pouncer, machine
LABEL-CUTTING-AND-FOLDING-MACHINE OPERATOR, AUTOMATIC (narrow fabrics)
LOOM-WINDER TENDER (textile)
Unifil Tender (textile)
NEEDLE-LOOM TENDER (felt goods)
PICK-PULLING-MACHINE OPERATOR (textile)
float remover
waste-filling remover
QUILLER OPERATOR (textile)
long-chain-quiller tender
quill-machine tender
QUILL POLISHER (textile)
quill-polishing-machine feeder
REWIND OPERATOR (house furn.)
ROVING WINDER, FIBER GLASS (glass mfg.)
SPLICING-MACHINE OPERATOR, AUTOMATIC (textile)
automatic-splicing-machine operator
STRAP BUCKLER, MACHINE (garment)
buckler

689.885 Con.
STRINGING-MACHINE TENDER (tex. bag.)
clipping, stringing, and turning machine tender
SURGICAL-DRESSING MAKER (surgical appl.)
TAPE-FOLDING-MACHINE OPERATOR (rubber goods; trim. & stamp. art goods)
bias-binding folder
TAPE-MAKING-MACHINE OPERATOR (cord. & twine)
string-glue-and-printing-machine operator
twine operator
TASSEL-MAKING-MACHINE OPERATOR (trim. & stamp. art goods)
THREAD-CUTTER TENDER (embroid.)
THREAD WINDER, AUTOMATIC (textile)
spool winder
WATCHER, PANTOGRAPH (embroid.)
WATCHER, AUTOMAT (embroid.)
automatic embroidery machine tender
Watcher, Automat, Frame Goods (embroid.)
Watcher, Automat, Long Goods (embroid.)
WINDER OPERATOR, AUTOMATIC (textile)

689.886 BOBBIN-CLEANING-MACHINE OPERATOR (textile)
bobbin stripper
cop breaker
quill cleaner
quill-cleaning-machine operator
quill skinner
quill stripper
tailing hand
CHOPPERMAN (waste & batting)
CLOTH DOFFER (textile)
cloth handler
cut-off boy
loom doffer
rollman, weave room
short-piece handler
CLOTH-SKEINING-REEL-OPERATOR HELPER (textile)
put-up-man helper
CUTTING-MACHINE OFF-BEARER (tex. bag)
Cotton-Bag-Cutting-Machine Off-Bearer (tex. bag)
DOFFER (asbestos prod.; textile)
filling-yarn doffer
warp-yarn doffer
Spinning Doffer (textile)
Twister Doffer (textile)
SLUBBER DOFFER (textile)
FALES-MACHINE-OPERATOR HELPER (waste & batting)
quilting-machine helper
FRAME CHANGER (textile)
roving changer
slubber-frame changer
speeder-frame changer
spinning-frame changer
twisting-frame changer
HAIR-SPINNING-MACHINE OPERATOR (fur dressing)
SHUTTLE HAND (textile)
magazine hand
shuttle filler
shuttle threader
SPOOLER OPERATOR, AUTOMATIC (textile)
UTILITY-MAN, WOOLEN MILL (textile)
Tacking-Stitch Remover (textile)

689.887 CLOTH-EDGE SINGER (textile)
CLOTH FRAMER (textile)
framer
CREELER (any ind.)
tie-over girl
tying-in girl
warper-creeler
DROP-WIRE BUILDER (textile)
drop-wire man
drop-wire stringer
FRAME BOY (embroid.)
LOOSE-END FINDER, BOBBIN (hosiery; knit goods)
finder
NUMBERER AND WIRER (textile)
card-cutter helper

689.887 Con.
OIL-SPOT WASHER (textile)
spot washer
Pillowcase Cleaner (textile)
Sheet Cleaner (textile)
PEG BOY, DOBBY LOOMS (narrow fabrics; textile)
dobby-loom chain-pegger
PICK REMOVER (textile)
thread puller
RUG CLEANER (carpet & rug)
SHUTTLER (embroid.)
SINGER (narrow fabrics)
SPANNER (embroid.)
THREADER (tex. prod., n.e.c.)
TOW MOVER (cord. & twine)
tow-line taker-off
tow pusher

69 MACHINE TRADES OCCUPATIONS, N.E.C.

This division includes occupations, not elsewhere classified, concerned with feeding, tending, operating, controlling, and setting up machines to work various materials and products.

690. Plastics, Synthetics, Rubber, and Leather Working Occupations

This group includes occupations concerned with machining plastics materials, synthetic resins, synthetic rubber, cellulosic and man-made organic fibers, and leather, including artificial leather.

690.130 FOREMAN, SLITTING-AND-SHIPPING (plastics mat.)
slitter foreman
Foreman, Shipping (plastics mat.)

690.780 MACHINE SETTER (button)
RUBBER-GOODS CUTTER-FINISHER (rubber goods)
rubber-goods finisher
Boring-Machine Operator (rubber goods)
Cutting-Machine Operator (rubber goods)
Gasket Notcher (rubber goods)
Lathe Operator (rubber goods) I
Notch-Machine Operator (rubber goods)
Roll Grinder (rubber goods)
Washer Cutter (rubber goods)
SPLITTER, HEAD (leather mfg.)
WAD-BLANKING-PRESS ADJUSTER (ammunition)
wad blanking toolsetter

690.782 ARCH-CUSHION-SKIVING-MACHINE OPERATOR (rubber goods)
BALL-TRUING-MACHINE OPERATOR (sports equip.)
BIAS-MACHINE OPERATOR (rubber tire & tube)
bias-cutting-machine operator
ply cutter
Band-Bias-Machine Operator (rubber tire & tube)
Bias-Cutting-Machine Operator, Vertical (rubber tire & tube)
CUT-OUT STITCHER (boot & shoe)
CUTTER, BARREL DRUM (house furn.)
drum-reel cutter
reel slitter
EMBOSSER (leather mfg.; leather prod.)
embosser-press man
embossing-machine operator
embossing-press operator
finished-leather presser
plating-press operator
pressman
printer
smooth plater
EMBOSSING-PRESS OPERATOR, MOLDED GOODS (linoleum)
embossing-press operator
FOXING-CUTTING-MACHINE OPERATOR, AUTOMATIC (rubber goods)
HEEL BREASTER, LEATHER (boot & shoe)
HEEL-SEAT FITTER, MACHINE (boot & shoe)
cutter-in
heel fitter, machine
wood-heel fitter, machine

690.782 Con.
HOT-DIE-PRESS OPERATOR (rubber goods)
Hot-Die Picker (rubber goods)
Hot-Die-Press Feeder (rubber goods)
LEADMAN, AUTOMATIC VULCANIZING (rubber goods)
ORNAMENTAL-MACHINE OPERATOR (mirror & pic. frames)
OUTSOLE CUTTER, AUTOMATIC (rubber goods)
OUTSOLE-CUTTING-MACHINE OPERATOR (rubber goods)
PLANISHING-PRESS OPERATOR (plastics mat.)
auma operator
plastics-sheet-finishing-press operator
press operator
sheet-combining operator
shell-press operator
Sheet Straightener (plastics mat.)
PRESSMAN (fabric. plastics prod.) II
plate worker
RING-ROLLING-MACHINE OPERATOR (rubber goods)
SAWYER (fabric. plastics prod.; plastics mat.)
SHEETER OPERATOR (plastics mat.)
slitter operator
SOLE-CONFORMING-MACHINE OPERATOR (boot & shoe)
archer
molder
outsole-or-insole molder
sole-molding-machine operator
SPAGHETTI-MACHINE OPERATOR (fabric. plastics prod.)
dip-tube assembler, machine
STITCHER, SPECIAL MACHINE (boot & shoe)
inseamer
stitcher
vamper
welter
Eppler Welter (boot & shoe)
Fairstitcher (boot & shoe)
Goodyear Stitcher (boot & shoe)
Goodyear Stitcher, Stitchdowns (boot & shoe)
Goodyear Welter (boot & shoe)
Littleway Stitcher (boot & shoe)
Lockstitcher (boot & shoe)
McKay Stitcher (boot & shoe)
Platform Stitcher (boot & shoe)
Plug Stitcher (boot & shoe)
Puritan Vamper (boot & shoe)
Rapid-Outsole Stitcher (boot & shoe)
Sole Stitcher (boot & shoe)
STITCHER, STANDARD MACHINE (boot & shoe)
closer
fitter
joiner
maker
seamer
sewer
stayer
stitcher
stitching-machine operator
Back-Seam Stitcher (boot & shoe)
Backstay Stitcher (boot & shoe)
Barrer and Tacker (boot & shoe)
Box-Toe Stitcher (boot & shoe)
California Seamer (boot & shoe)
Counter-Pocket Sewer (boot & shoe)
Cover Maker (boot & shoe)
Double-Needle Stitcher (boot & shoe)
Edge Stitcher (boot & shoe)
Flare Stitcher (boot & shoe)
Flatbed Stitcher (boot & shoe)
Gore Inserter (boot & shoe)
Insole Tape Stitcher, UCO (boot & shoe)
Label Stitcher (boot & shoe)
Lining Closer (boot & shoe)
Lining Stitcher (boot & shoe)
Lining-Strap Closer (boot & shoe)
Lining Vamper (boot & shoe)
Multiple-Needle Stitcher (boot & shoe)
Neverslip Stitcher (boot & shoe)
Postbed Stitcher (boot & shoe)
Quarter-Lining Stitcher (boot & shoe)
Rand Sewer (boot & shoe)
Saddle-Lining Stitcher (boot & shoe)
Saddle Stitcher (boot & shoe)

690.782 Con.

Shank Stitcher (boot & shoe)
Single-Needle Stitcher (boot & shoe)
Sock-Lining Stitcher (boot & shoe)
Strap Stitcher (boot & shoe)
Tape Stitcher (boot & shoe)
Tip Stitcher (boot & shoe)
Toe-Lining Closer (boot & shoe)
Tongue and Quarter Stitcher (boot & shoe)
Tongue-Lining Stitcher (boot & shoe)
Tongue Stitcher (boot & shoe)
Underlay Stitcher (boot & shoe)
Upper Stitcher (boot & shoe)
Vamp Stitcher (boot & shoe)
Welting-Stitcher, Front (boot & shoe)
Wrapper Stitcher (boot & shoe)
Zig-Zag Stitcher (boot & shoe)

BINDING STITCHER (boot & shoe)
binder
binding-machine operator
braid stitcher
flat binder
piping stitcher
English-Binding Stitcher (boot & shoe)
French-Binding Stitcher (boot & shoe)

BUCKLE SEWER, MACHINE (boot & shoe)
buckle fastener
buckle stitcher
button stitcher

FANCY STITCHER (boot & shoe)
applique stitcher
blind-row stitcher
etching stitcher
eyelet-row stitcher
harness stitcher
slipper fitter
space-row stitcher
trimming stitcher

SEAM-STAY STITCHER (boot & shoe)
seam stayer

TOP STITCHER (boot & shoe)
barber trimmer
pump stitcher
top closer
top-stitcher operator
undertrimmer
Counter-Pocket Stitcher (boot & shoe)
Strap-Lining Stitcher (boot & shoe)

STITCHER, UTILITY (boot & shoe)
stitcher, all-round
Back-Shoe Stitcher (boot & shoe)
Fitting Repairer (boot & shoe)
Mender (boot & shoe)
Model Fitter (boot & shoe)
Sample-Shoe Fitter (boot & shoe)
Shoe Fitter, Custom Made (boot & shoe)

TIRE-REGROOVING-MACHINE OPERATOR (auto. ser.)

TRACER-BULLET-CHARGING-MACHINE OPERATOR (ammunition)

TRIMMER (fabric. plastics prod.)

TRIMMER, MACHINE (rubber goods)
Cushion Trimmer (rubber goods)
Heel Trimmer (rubber goods)
Sole Trimmer (rubber goods)
Top Trimmer (rubber goods)

TRIMMING-MACHINE OPERATOR (button)
button broacher

TUBER-MACHINE OPERATOR (rubber goods; rubber tire & tube)
extruder operator
Covering-Machine Operator (rubber goods)
Garden-Hose Tuber-Machine Operator (rubber goods)
Inner-Tube Tuber-Machine Operator (rubber tire & tube)
Rim-Strip Tuber-Machine Operator (rubber tire & tube)
Rubber-Flap Tuber-Machine Operator (rubber tire & tube)
Solid-Tire Tuber-Machine Operator (rubber tire & tube)
Tread-Tuber-Machine Operator (rubber tire & tube)

690.782 Con.

WEATHERSTRIP-MACHINE OPERATOR (rubber goods)
windlace-machine operator

690.885

ASSEMBLY-PRESS OPERATOR (any ind.)
bench-press operator
Arbor-Press Operator (any ind.) II
Handle Attacher (any ind.)
Kick-Press Operator (any ind.) II
Lens Mounter (optical goods) I

BACK-STRIP-MACHINE OPERATOR (rubber goods)

BALER (plastics mat.)

BANBURY-TAKE-OFF OPERATOR (rubber goods)
rubber cutter

BAND CUTTER (rubber goods)

BAND-MACHINE OPERATOR (rubber goods)

BAND-SAWING-MACHINE OPERATOR (fabric. prod., n.e.c.)
cutter
material cutter

BOWLING-BALL BUFFER (sports equip.)

BOWLING-BALL FINISHER (sports equip.)
plastic-ball buffer
rubber-ball finisher

BRANDING-MACHINE TENDER (rubber goods)
machine printer, hose

BUFFER (boot & shoe)
brusher
buffing-machine operator
cuffer
polisher
rasper-machine operator
remover
roughener
ruffer
sander
sander and polisher
scourer
Bottom Buffer (boot & shoe)
Box-Toe Buffer (boot & shoe)
Breast Buffer (boot & shoe)
Channel Rougher (boot & shoe)
Counter Buffer (boot & shoe)
Crepe-Sole Scourer (boot & shoe)
Crepe-Sole Wire Brusher (boot & shoe)
Forepart and Shank Beader, McKay Cement (boot & shoe)
Heel Buffer (boot & shoe)
Heel-Emery Man (boot & shoe)
Heel Sander, Rubber (boot & shoe)
Heel-Seat Sander (boot & shoe)
Heel Slicker (boot & shoe)
Hide Buffer (boot & shoe)
Insole Buffer (boot & shoe)
Insole Sander (boot & shoe)
Joint Sander (boot & shoe)
Rougher For Cement (boot & shoe)
Shank Sander (boot & shoe)
Sole Buffer (boot & shoe)
Sole Rougher (boot & shoe)
Top-Lift Scourer (boot & shoe)
Welt Rougher (boot & shoe)
NAUMKEAG OPERATOR (boot & shoe)
Naumkeag buffer
Naumkeag finisher
Naumkeager

BUFFER, AUTOMATIC (rubber goods)

BURNISHER (boot & shoe) I
brusher
finisher
polisher
Bottom Burnisher (boot & shoe)
Heel Burnisher (boot & shoe)
Heel Wheeler (boot & shoe)
Shank Burnisher (boot & shoe)
Tip Burnisher (boot & shoe)
EDGE BURNISHER, UPPERS (boot & shoe)
edger
upper edger
EDGE SETTER (boot & shoe)
edge burnisher
edge kitter
Edge Setter, Heel Lift (boot & shoe)

BUTTON-DECORATING-MACHINE OPERATOR (button)
automatic-fancy-machine operator

690.885 Con.

CEMENTER AND FOLDER, MACHINE (boot & shoe)
french-binding folder
plastic-machine folder
quarter folder
thermo-cementing-folder operator

CEMENTER, MACHINE JOINER (boot & shoe)
attacher
heater
folding-machine operator
joiner
layer
setter
taper
Compo-Conveyor Operator (boot & shoe)
Heel Layer (boot & shoe)
Insole Coverer (boot & shoe)
Insole-Lip Turner (boot & shoe)
Insole Taper (boot & shoe)
Open-Shank Coverer (boot & shoe)
Platform Presser (boot & shoe)
Sole Layer (boot & shoe)
Welt-Sole Layer (boot & shoe)

CENTER-PUNCH OPERATOR (phonograph)

CHAFER BUILDER (rubber tire & tube)

CHANNEL CLOSER, OUTSOLES, MACHINE (boot & shoe)
channel-closing-machine operator
channel layer
closer

CHANNELER, INSOLE (boot & shoe)
lock-stitch channeler
welt-insole channeler
Channeler, Outsole (boot & shoe)

CHANNEL OPENER, OUTSOLES (boot & shoe)
channel turner

CONTACT-LENS MOLDER (optical goods)
molder, contact lens

COUNTER CUTTER (boot & shoe)
counter maker

COUNTER FORMER (boot & shoe)
forming-machine operator
Quarter Former (boot & shoe)

COUNTER MOLDER (boot & shoe) I
Ciaio-Counter Molder (boot & shoe)

COUNTER ROLLER (boot & shoe)

CURLER (fabric. prod., n.e.c.)

CUT-OUT-AND-MARKING-MACHINE OPERATOR (boot & shoe)

CUT-OUT-MACHINE OPERATOR (boot & shoe)
cut-out-press operator
gang-punch operator
die-out-machine operator
puncher
Buckle-Strap Puncher (boot & shoe)
Hole Puncher, Strap (boot & shoe)
Perforator (boot & shoe)
Tip Puncher (boot & shoe)

CUTTER (linoleum)

CUTTING-MACHINE TENDER (any ind.)
Cardboard Cutter (any ind.)
Cutter, Plastics Sheets (fabric. plastics prod.; plastics mat.)
Paper Cutter (any ind.)
Paper Cutter, Hand (any ind.)

DESKIDDING-MACHINE OPERATOR (rubber goods)

DICER OPERATOR (plastics mat.)

DIELECTRIC TESTER (rubber goods)

DUAL-HOSE CEMENTER (rubber goods)
hose cementer
hose finisher

EDGE GRINDER (fabric. plastics prod.)

EDGE TRIMMER (boot & shoe)
apex trimmer
edge-trimming-machine operator
margin trimmer
outsole trimmer
sole pretrimmer

ELECTRIC-SEALING-MACHINE OPERATOR (fabric. plastics prod.)
bonding-machine operator
dielectric-heat-sealing-machine operator
heat-seal operator
plastic-welding-machine operator

690 885 Con.
EMBOSSER (boot & shoe)
printer
stamper
Bottom Stamper (boot & shoe)
Sock-Lining and Heel-Pad Embosser (boot & shoe)
FASTENER, MACHINE (boot & shoe)
anchor tacker
fastener
nailer
puncher
puncher and fastener
riveter
sewer
stapler
tacker
Bow Stapler (boot & shoe)
Buckle Stapler (boot & shoe)
Fiber-Heel-Piece Shaper (boot & shoe)
Gore Stapler (boot & shoe)
Heeler, Machine (boot & shoe)
Heel-Seat Filler (boot & shoe)
Heel-Seat Flap Stapler (boot & shoe)
Insole Tacker (boot & shoe)
Nail Welter (boot & shoe)
Ornament Stapler (boot & shoe)
Outsole Tacker (boot & shoe)
Platform Stapler (boot & shoe)
Rand Tacker (boot & shoe)
Shank Stapler (boot & shoe)
Sole Stapler, Welt (boot & shoe)
Toe Stapler (boot & shoe)
Top-Lift Nailer (boot & shoe)
FEATHEREDGER AND REDUCER, MACHINE (boot & shoe)
featheredge-machine operator
forepart-edge reducer
forepart reducer
outsole beveler
outsole skiver
Heel Reducer (boot & shoe)
Shank Beveler (boot & shoe)
FILM SPOOLER (photo. apparatus)
FINISHER, MACHINE (fabric. plastics prod.)
FOLDER, MACHINE (boot & shoe)
edge beader
folding-machine operator
Kamborian Operator (boot & shoe)
FOLDING-MACHINE OPERATOR (leather prod.)
gusset folder
zipper-lining folder
FOREPART LASTER (boot & shoe)
ball laster
FOUNTAIN-PEN TURNER (pen & pencil)
GROOVER AND TURNER (boot & shoe)
Wooden-Heel Beveler (boot & shoe)
HEEL BUILDER, MACHINE (boot & shoe)
heel-building-machine operator
lift builder, whole
push-up machine operator
High-Heel Builder (boot & shoe)
Low-Heel Builder (boot & shoe)
Mitchell-Heel Builder (boot & shoe)
HEEL COMPRESSOR (boot & shoe)
heel-compressor operator
heel molder
Top-Lift Compressor (boot & shoe)
HEEL GOUGER (boot & shoe)
Heel-Lift Gouger (boot & shoe)
HEEL-NAILING-MACHINE OPERATOR (boot & shoe)
HEEL PRICKER (boot & shoe)
HEEL SCORER (boot & shoe)
heel-breast scorer
heel-scoring-machine operator
score marker
Insole-Toe-Snipping-Machine Operator (boot & shoe)
HEEL SEAT LASTER, MACHINE (boot & shoe)
INKER, MACHINE (boot & shoe)
edge blacker, machine
edge dyer
edge stainer, machine
heel stainer
sole blacker
sole dyer
Heel-Edge Inker, Machine (boot & shoe)
Sole-Edge Inker, Machine (boot & shoe)

690.885 Con.
INSOLE BEVELER (boot & shoe)
INSOLE REINFORCER (boot & shoe)
insole-cloth trimmer
insole gemmer
insole-reinforcing-machine operator
trimmer and reinforcer
JOINT CUTTER, MACHINE (boot & shoe)
joiner
jointer, machine
joint maker, machine
LACER (boot & shoe) II
interlacer
lacing-machine operator
LAMINATION STACKER, MACHINE (elec. equip.)
core assembler
LEATHER-BELT MAKER (leather prod.)
belt puncher
cartridge-belt puncher
Leather-Belt-Loop Cutter (leather prod.)
Leather-Belt Puncher (leather prod.)
Leather-Belt Shaper (leather prod.)
Leather-Cartridge-Belt Maker (leather prod.)
Men's Leather-Dress-Belt Maker (leather prod.)
Women's Leather-Belt Maker (leather prod.)
LIP CUTTER AND SCORER (boot & shoe)
LIP-OF-SHANK CUTTER (boot & shoe)
LUMITE INJECTOR (boot & shoe)
compound-machine operator
squirt-machine operator
Ciaio-Lumite Injector (boot & shoe)
MAT PUNCHER (rubber goods)
die-press operator
MOLDED-RUBBER-GOODS CUTTER (rubber goods)
Hydraulic-Punch-Press Operator (rubber goods)
Roller-Die-Cutting-Machine Operator (rubber goods)
MOLDER, LABELS (rubber goods)
MOLDING-PRESS OPERATOR (bal. & scales)
MOTTLE-LAY-UP OPERATOR (plastics mat.)
lay-up operator
NICKER (boot & shoe)
snipper
Binding Nicker (boot & shoe)
PLATEN GRINDER (typewriters & parts)
grinder
grinding-machine operator
PLUG CUTTER (pen & pencil)
cut-off machine operator
POINTING-MACHINE OPERATOR (fabric. plastics prod.; rubber goods)
POUNDER (boot & shoe)
jollier
Bottom Pounder, Cement Shoes (boot & shoe)
Heel-Seat Pounder (boot & shoe)
Toe Pounder (boot & shoe)
PRESSER (rubber goods)
ROLL CUTTER (rubber goods)
lathe operator
ROLL-OVER-PRESS OPERATOR (optical goods)
ROUGH-AND-TRUING-MACHINE OPERATOR (fabric. plastics prod.)
ROUGH-ROUNDER, MACHINE (boot & shoe)
forepart rounder
rounder
sole rounder
ROUNDER (boot & shoe) I
insole rounder
sole rounder
sole-rounding-machine operator
SEAM-ROUNDING-MACHINE OPERATOR (boot & shoe)
counter molder
rubber and pounder
shoe hammer
smoothing-machine operator
Heel-Seam Rubber (boot & shoe)
Power-Hammer Operator (boot & shoe)
Quarter-Lining Smoother (boot & shoe)
Seam-Press Operator (boot & shoe)
Vamp Presser (boot & shoe)

690.885 Con.
SIDE LASTER, CEMENT (boot & shoe)
Kamborian laster, machine
SIDE LASTER, STAPLE (boot & shoe)
side stapler
staple laster
Side Laster, Tack (boot & shoe)
SKIVER (leather prod.)
SKIVER, MACHINE (boot & shoe; rubber goods)
beveler, edge skiver
scarfer
skiving-machine operator
Amazeen Skiver (boot & shoe)
Fortuna Skiver (boot & shoe)
Pluma Skiver (boot & shoe)
Skiver, Box Toe (boot & shoe)
Skiver, Counter (boot & shoe)
Skiver, Flare (boot & shoe)
Skiver, Heel Tap (boot & shoe)
Skiver, Sock Linings (boot & shoe)
Skiver, Tuck (boot & shoe)
Skiver, Uppers or Linings (boot & shoe)
Skiver, Weld End (boot & shoe)
SLASHER (plastics mat.)
cutter, plastics rolls
SOLE LEVELER, MACHINE (boot & shoe)
beater-out, leveling machine
inseam leveler
leveler
leveling-machine operator
outsole leveler
sole-leveling-machine operator
SPLITTING-MACHINE OPERATOR (rubber goods; rubber reclaim.)
beadsaw operator
debeader
skiver
slitting-machine operator
trimming-machine operator
turner-splitter-machine operator
Carcass Trimmer (rubber reclaim.)
Scrap-Tire Shearer (rubber reclaim.)
Tire Debeader (rubber reclaim.)
STAMPING-MACHINE OPERATOR (boot & shoe)
lining stamper
outside marker
upper stamper
STRAP-CUTTING-MACHINE OPERATOR (rubber goods)
TACK PULLER, MACHINE (boot & shoe)
nail puller
tack-pulling-machine operator
TAPER, MACHINE (boot & sole)
rub-down girl
stayer
taper
Seam Taper, Machine (boot & shoe)
Top Taper, Machine (boot & shoe)
TIP FINISHER (boot & shoe)
TIRE BUFFER (auto. ser.)
buffer
Tread Cutter (auto. ser.)
TOE FORMER, STITCHDOWNS (boot & sole)
box-toe flanger, stitchdown
TOE LASTER, AUTOMATIC (boot & shoe) I
TREAD-SPLICE PRESSER (rubber tire & tube)
TRIMMER, MACHINE (boot & shoe)
shaver
trimmer
Apron Trimmer (boot & shoe)
Boothco Trimmer (boot & shoe)
Boot Trimmer (boot & shoe)
Cut-Out Worker (boot & shoe)
Heel-Seat Trimmer (boot & shoe)
Heel Trimmer (boot & shoe)
Rolled-Seat Trimmer (boot & shoe)
Seat Trimmer (boot & shoe)
Top-Lift Trimmer (boot & shoe)
Top Trimmer (boot & shoe)
Upper Trimmer (boot & shoe)
INSEAM TRIMMER (boot & shoe)
inner seamer
inseam-trimming-machine operator
margin trimmer
side trimmer
welt trimmer
TUBE MOLDER, FIBER GLASS (fabric. plastics prod.)
Mandrel Cleaner (fabric. plastics prod.)

690.885 Con.
Mandrel Puller (fabric. plastics prod.)
Tacker (fabric. plastics prod.)
Tube Roller (fabric. plastics prod.)
Wrapper (fabric. plastics prod.)
TUBE SPLICER (rubber tire & tube) II
UNISHANK MOLDER (boot & shoe)
V-BELT COVERER (rubber goods)
flipping-machine operator
V-BELT FINISHER (rubber goods)
Belt Brander (rubber goods)
Belt Measurer (rubber goods)
Belt Notcher (rubber goods)
V-BELT SKIVER (rubber goods)
VULCANIZER (boot & shoe)
VULCANIZING-PRESS OPERATOR (boot & shoe)
WAXER (motion pic.)
WELT BEATER (boot & shoe)
platform beater
slasher
sole beater
WELT BUTTER, MACHINE (boot & shoe)
rand butter
rand-butting-machine operator
WELT CUTTER (boot & shoe)
welt maker
WELT WHEELER (boot & shoe)
stitch fudger
stitch wheeler
Rand Wheeler (boot & shoe)
Stitch Separator (boot & shoe)
WIDTH STRIPPER (boot & shoe)
WIRE-WINDING-MACHINE TENDER (rubber goods)
wire winder

690.886 BEVELING-MACHINE OPERATOR (hat & cap)
skiver-machine operator
BIAS-MACHINE-OPERATOR HELPER (rubber tire & tube)
CRIMPER (rubber goods)
binder
joiner
hemmer
seamer
FOLDING-MACHINE OPERATOR (hat & cap)
pugg maker
tube roller
turning-machine operator
INJECTION-MOLDING-MACHINE OFF-BEARER (pen & pencil)
molding-machine operator
RUBBER-ROLLER GRINDER (pen & pencil)
SLASHER HELPER (plastics mat.)
cutter helper
SPLITTING-MACHINE FEEDER (leather mfg.)
leather leveler
SWEATBAND-CUTTING-MACHINE OPERATOR (hat & cap)
SWEATBAND FLANGER (hat & cap)
flanging-machine operator
Leather Flanger (hat & cap)
TOGGLE-PRESS FOLDER-AND-FEEDER (rubber goods)
TUBER-MACHINE-OPERATOR HELPER (rubber goods)
Covering-Machine-Operator Helper (rubber goods)

691. Occupations in Fabrication of Insulated Wire and Cable

This group includes occupations concerned with drawing wire and cable of nonferrous metal from wire bars, rods, or wire, and insulating it.

691.130 FOREMAN (insulated wire)
691.380 SET-UP MAN, COIL-WINDING MACHINES (elec. equip.)
691.387 INSPECTOR, INSULATION (insulated wire)
INSPECTOR, WIRE (wire)
finished-wire inspector
691.782 ASBESTOS-WIRE FINISHER (insulated wire)
BRAIDER OPERATOR (insulated wire)
braider
braider tender
EXTRUDING-MACHINE OPERATOR (insulated wire)
tube-machine operator
Continuous-Vulcanizing-Machine Operator (insulated wire)
Plastic-Extruding-Machine Operator (insulated wire)

691.782 Con.
INSULATING-MACHINE OPERATOR (insulated wire)
coat-insulator operator
coat-operator, insulator
wire-taping-machine operator
Double-Lay-Winder-and-Paraffin-Unit Operator (insulated wire)
Paper-Wrapping-Machine Operator (insulated wire)
Tandem-Taping-and-Wrapping-Machine Operator (insulated wire)
Varnish-Cambric-Covering-Machine Operator (insulated wire)
LEAD-PRESS OPERATOR (insulated wire)
extruding-press operator
press operator

691.885 ARMORING-MACHINE OPERATOR (insulated wire)
armored-cable-machine operator
cable armorer
tape armorer
LAGGING-MACHINE OPERATOR (insulated wire)
LEAD FORMER (elec. equip.)
assembler, flexible leads
former
lead assembler
lead bender
Bead Stringer (elec. equip.)
Lead Tinner (elec. equip.)
Lugger (elec. equip.)
Sleever (elec. equip.)
Wire Cutter (elec. equip.)
Wire Stripper (elec. equip.)
PAIRING-MACHINE OPERATOR (insulated wire)
SPOOLING-MACHINE OPERATOR (insulated wire; wirework)
bobbin winder
Cable Spooler (insulated wire)
UTILITY MAN, EXTRUSION FLOORMAN (insulated wire)
Reel Tender (insulated wire)
Spooler and Coiler (insulated wire)
Tuber Feeder (insulated wire)
WIRE-STRIPPING-AND-CUTTING-MACHINE OPERATOR, AUTOMATIC (any ind.)
Lead-Wire Cutter (electronics)

691.886 TWISTING-MACHINE OPERATOR (elec. equip.)
691.887 PNEUMATIC JACKETER (insulated wire)
PRODUCTION HELPER (insulated wire)

692. Occupations in Fabrication of Products from Assorted Materials

This group includes occupations, not elsewhere classified, concerned with fabricating products that are composed of a combination of materials.

692.130 BRUSH-FABRICATION FOREMAN (brush)
FINISHING FOREMAN (elec. equip.)
FOREMAN (needle, pin, & rel. prod.)
692.137 ASSEMBLY FOREMAN (fabric. prod., n.e.c.)
FOREMAN, PAINT ROLLER COVERS (brush)
692.380 FIRESETTER (elec. equip.; electronics)
firesetter, automatic machines
stem-making machine adjuster
tabulating machine adjuster
Firesetter, Cathode-Ray (electronics)
Firesetter, Electron Tube (electronics)
Firesetter, Incandescent Bulb (elec. equip.)
SET-UP MAN (pen & pencil)
Set-Up Man, Coating Machines (pen & pencil)
Set-Up Man, Heading Machines (pen & pencil)
Set-Up Man, Stamping Machines (pen & pencil)
692.687 INSPECTOR, FILTER TIP (tobacco)
inspector, plug seam
692.780 ASSEMBLY-MACHINE-SET-UP MAN (elec. equ p.)
692.782 ANKLE-PATCH MOLDER (rubber goods)
BEAD-FORMING-MACHINE OPERATOR (rubber tire & tube)
BORING-AND-FILLING-MACHINE OPERATOR (brush)
Hair-Brush-Boring-and-Filling-Machine Operator (brush)
Tooth-Brush-Boring-and-Filling-Machine Operator (brush)

692.782 Con.
Wire-Brush-Boring-and-Filling-Machine Operator (brush)
BOW-PRESS OPERATOR (sports equip.)
laminator and bow-shaper
BROOM STITCHER (broom)
CALENDER-ROLL PRESSMAN (mach. mfg.)
pressman
COREMAKING-MACHINE OPERATOR (elec. equip.)
FILLING-AND-STAPLING-MACHINE OPERATOR (brush)
GAGE MAN (linoleum)
LEAD-STRIPPING-MACHINE OPERATOR (rubber goods)
stripper operator
PLATE STACKER, MACHINE (elec. equip.)
plate grouper, machine
POWER-DRIVEN-BRUSH MAKER (brush)
SALVAGE-MACHINE OPERATOR (ammunition) I
SET-UP MAN, CROWN ASSEMBLY MACHINE (any ind.)
STACKING-MACHINE OPERATOR (any ind.) I
lamination stacker, machine
plate grouper
plate stacker, machine
stacker operator
STRAPPING-MACHINE OPERATOR (wood. box)
box strapper
strapper
STRING-WINDING-MACHINE OPERATOR (musical inst.)
Bass-String Winder (musical inst.)
SWEEPER-BRUSH MAKER, MACHINE (brush)
broom-machine operator
TILE-POWER-SHEAR OPERATOR (linoleum)
TWISTING-MACHINE OPERATOR (brush)
UNDERCUTTING-MACHINE OPERATOR (elec. equip.)
commutator undercutter
commutator slotter
WAFER-MACHINE OPERATOR (elec. equip.)
WIRE-WRAPPING-MACHINE (office mach.)
WRAPPING-MACHINE OPERATOR (wood preserving)
pipe winder

692.885 ADHESIVE-BANDAGE-MACHINE OPERATOR (surgical appl.)
AIR-HOLE DRILLER (smoking pipe)
BEAD PREPARER (rubber goods)
BRAIDING-MACHINE TENDER (rubber goods)
Knitting-Machine Tender (rubber goods)
Loom Operator (rubber goods)
BUCKLE-FRAME SHAPER (button)
chop-and-frame operator
BUTTON STRINGER (knit goods)
button taper
CANDLE MOLDER, MACHINE (candle)
CAPPING-MACHINE OPERATOR (elec. equip.)
washer-and-capper-machine operator
CAPPING-MACHINE OPERATOR, AUTOMATIC (fabric. metal prod., n.e.c.)
CELL TUBER, MACHINE (elec. equip.)
Sleeve-Machine Tender (elec. equip.)
Tubing-Machine Tender (elec. equip.)
Wrapping-Machine Tender (elec. equip.)
CEMENTER, MACHINE (rubber goods)
GLUING-MACHINE Operator (rubber goods)
COATING-MACHINE OPERATOR (pen & pencil)
painting-machine operator
COMPONENT-INSERTING-MACHINE OPERATOR (electronics)
subassembler
COMPONENT-LEAD FORMER (electronics)
component-forming-machine operator
crimping-machine operator
header-machine operator
lead trimmer-and-former
stem shaper
Grid-Lead Former (electronics)
Stem-Lead Former (electronics)
CROWN-ASSEMBLY-MACHINE OPERATOR (any ind.)
assembly-machine operator
cap-lining-machine operator

692.885 Con.
inserting-machine operator
inserting-press operator
lining-machine tender
spot-machine operator
DAUBER-MACHINE OPERATOR (cork prod.)
DE-ICER-ELEMENT WINDER, MACHINE (rubber goods)
lathe operator
DESIGN INSERTER (fabric. plastics prod.)
Inlayer, Silver (fabric. plastics prod.)
DIELECTRIC-PRESS OPERATOR (auto. mfg.)
DRY-CHARGE-PROCESS ATTENDANT (elec. equip.)
DYNAMITE-CARTRIDGE CRIMPER (explosives)
crimper
FILLING-MACHINE OPERATOR (elec. equip.; electronics)
Base Filler (elec. equip.; electronics)
Base Filler, Automatic (elec. equip.; electronics)
Base Filler, Hand (electronics)
Top-Cap Filler (electronics)
FLEX-O-LATOR-MACHINE OPERATOR (matt. & bedspring)
FOILING-MACHINE OPERATOR (ammunition)
FUNNEL COATER, AUTOMATIC (electronics)
coater, automatic
Frit-Dispenser Operator (electronics)
GASKET WINDER (pipe & boiler cov.)
GLUE-MACHINE OPERATOR (pen & pencil)
lead-laying-and-gluing-machine operator
HINGE ASSEMBLER (jewelry cases)
hinge-machine operator
hinge-spring attacher
KICK-PRESS OPERATOR (surgical appl.)
LAMINATING-MACHINE OPERATOR (furn.)
LAMP-SHADE JOINER (fabric. prod., n.e.c.)
paster
LAYING-MACHINE OPERATOR (cork prod.)
cork-paper-laying-machine operator
tape rewinder
LEVEL-GLASS-VIAL FILLER (cut. tools)
LIGHT-BULB ASSEMBLER (elec. equip.)
Baser (elec. eqiup.)
Neck Cutter (elec. equip.)
Sealer (elec. equip.) II
LOADING-MACHINE OPERATOR (ammunition) I
cartridge-loading operator
LOADING-UNIT OPERATOR (ammunition)
Loading-Unit Operator, Crimping (ammunition)
Loading-Unit Operator, Powder Charging (ammunition)
Loading-Unit Operator, Seating (ammunition)
MASK SHAPER (electronics)
Mask Flattener (electronics)
Mask Former (electronics)
MOUNTER (elec. equip.) II
PALLETIZER TENDER (asbestos prod.)
PINKING-MACHINE OPERATOR (needle, pin, & rel. prod.)
POULTICE-MACHINE OPERATOR (drug. prep. & rel. prod.)
PRIMER-INSERTING-MACHINE OPERATOR (ammunition)
heading-and-priming operator
priming-machine operator
PROTECTOR-PLATE ATTACHER (cut. tools)
strike-plate attacher
PUNCH-PRESS OPERATOR (linoleum)
RIBBON INKER (pen & pencil)
inking-machine tender
SEALER, DRY CELL (elec. equip.)
sealer operator
SEAL-EXTRUSION OPERATOR (elec. equip.)
seal pressman
SEALING-MACHINE OPERATOR (elec. equip.)
SEPARATOR OPERATOR (button)
SHLUNG-MACHINE OPERATOR, SEQUINS (fabric. plastics prod.)
slinger, sequins
SHOTGUN-SHELL-ASSEMBLY-MACHINE OPERATOR (ammunition)
SHOTGUN-SHELL-LOADING-MACHINE OPERATOR (ammunition)
loading-machine operator

692.885 Con.
SLICING-MACHINE OPERATOR (button)
SORTER, MACHINE (button)
classifying-machine operator
SPIRAL-MACHINE OPERATOR (paper goods)
SPUN-PASTE-MACHINE OPERATOR (elec. equip)
STAMPING-MACHINE OPERATOR (pen & pencil)
STAPLER, MACHINE (furn.; matt. & bedspring)
wire stitcher, machine
STAPLING-MACHINE OPERATOR (any ind.)
wire-stitcher operator
SADDLE-AND-SIDE-WIRE STITCHER (print. & pub.)
stitcher operator
STEM MAKER (electronics)
glass-parts operator
wire loader
STOP ATTACHER (needle, pin, & rel. prod.)
stopper attacher
Bottom-Stop Attacher (needle, pin. & rel. prod.)
Box Attacher (needle, pin, & rel. prod.)
Bridge Attacher (needle, pin, & rel. prod.)
Pin Attacher (needle, pin, & rel. prod.)
Top-Stop Attacher (needle, pin, & rel. prod.)
TAPE COATER (abrasive & polish. prod.)
TAPER, MACHINE (fabric. prod., n.e.c.)
TAPING-MACHINE TENDER (fabric. prod., n.e.c.)
machine taper
TINSEL-MACHINE OPERATOR (fabric. prod., n.e.c.)
TRIM ATTACHER (cut. tools)
TUBE WINDER, HAND (pipe & boiler cov.)
tube maker
winder operator
VACUUM-APPLICATOR OPERATOR (signs)
WICKER, MOLDED CANDLES (candles)
wick tender
WINDER (sports equip.)
solid center winder
winder, gammeter
Baseball Winder (sports equip.)
Golf Ball Winder (sports equip.)
Softball Winder (sports equip.)
WINDOW-SHADE CUTTER AND MOUNTER (window shade & fix.)
window-shade-and-roller cutter
WINDOW-SHADE-RING SEWER (window shade & fix.)
window-shade-ring coverer
WIRE-TURNING-MACHINE OPERATOR (wood. box)
looper
WOOD-WEB-WEAVING-MACHINE OPERATOR (window shade & fix.)
loom operator
weaver
ZIPPER-MACHINE OPERATOR (needle, pin, & rel. prod.)
chain-machine operator
scoop-machine operator
ZIPPER TRIMMER, MACHINE (needle, pin, & rel. prod.)

692.886 ASSEMBLY-MACHINE OPERATOR (pen & pencil)
Assembly-Machine Feeder (pen & pencil)
Assembly Machine Off-Bearer (pen & pencil)
Cartridge Feeder (pen & pencil)
BASE REMOVER (elec. equip.)
BOX REMOVER (cork prod.)
floor boy
BROOMCORN SEEDER (broom)
broomcorn scraper
BULB FILLER (elec. equip.)
CARBON-ROD INSERTER (elec. equip.)
CUTTER (broom)
DESIGN ASSEMBLER (linoleum)
FORMICA-TABLE-TOP-MOLDING WRAPPER (furn.)
GROOVER (any ind.)
MOUNTER (elec. equip.) I
stem-mounting-machine operator
NECKER (jewelry cases)
PASTING-MACHINE TAKE-OFF MAN (elec. equip.)
SPLICER (linoleum)
dry-felt splicer

692.886 Con.
SPLITTING-MACHINE OPERATOR (house furn.)
THIRD DRY-CELL-ASSEMBLING-MACHINE TENDER (elec. equip.)
UTILITY OPERATOR, AUTOMATED DEPOSITED CARBON-RESISTOR LINE (electronics)
WRAPPING-MACHINE TAILER (wood preserving)-stapler

693. Modelmakers, Patternmakers, and Related Occupations

This group includes occupations concerned with making models or patterns of any combination of metal, clay, plastics, and similar materials. Wood patternmakers are included in Group 661.

693.131 PATTERN-SHOP FOREMAN (found.)
693.280 EXPERIMENTAL-AIRCRAFT MECHANIC (aircraft mfg.)
mechanic, experimental aircraft
DEVELOPER PROVER, MECHANICAL (aircraft mfg.)
FORM BUILDER (aircraft mfg.)
bench-machinist, jigs and fixtures
jig-and-fixture builder
Wood-Tool Maker (aircraft mfg.)
693.281 EXPERIMENTAL MECHANIC (aircraft mfg.) I
research mechanic
ROCKET-ENGINE MECHANIC (aircraft mfg.)
Rocket-Engine Mechanic, Liquid (aircraft mfg.)
Rocket-Engine Mechanic, Solid (aircraft mfg.)
PATTERNMAKER (spring)
PATTERNMAKER, METAL, BENCH (found.)
bench hand, metal patterns
bench patternmaker, metal
filer, metal patterns
metal patternmaker, bench
patternmaker, bench
patternmaker, hand
scratcher, metal patterns
PATTERNMAKER, SAMPLE (hardware)
693.380 MODEL MAKER (clock & watch)
SAMPLE-BODY BUILDER (auto. mfg.)
miniature-model maker
model maker
SAMPLE-BODY-BUILDER APPRENTICE (auto. mfg.)
miniature-model-maker apprentice
model-maker apprentice
693.381 LOFTSMAN (aircraft mfg.)
linesman
mold loftsman
MOCK-UP MAN (aircraft mfg.)
mock-up assembler
mock-up builder
MODEL MAKER (aircraft mfg.) I
Model Maker, Rocket (aircraft mfg.)
MOLDER, PATTERN (found.)
693.782 LAST-PATTERN GRADER (lasts & rel. forms)

694. Occupations in Fabrication of Ordnance, Ammunition, and Related Products, n.e.c.

This group includes occupations, not elsewhere classified, concerned with fabricating naval, aircraft, antiaircraft, tank, coast, and field artillery having a bore of over 30mm; specialized components for tanks; ammunition; and related products.

694.131 TRACER-BULLET-SECTION FOREMAN (ammunition)
694.132 EXPLOSIVE-OPERATOR FOREMAN (ammunition)
RENOVATION-PLANT FOREMAN (ammunition)
694.280 LOADING-MACHINE TOOL SETTER (ammunition)
694.380 PRIMER-CHARGING TOOL SETTER (ammunition)
694.782 CLIP-LOADING-MACHINE ADJUSTER (ammunition)
TRACER-BULLET-CHARGING-MACHINE OPERATOR (ammunition)
694.885 ANVIL-SEATING-PRESS OPERATOR (ammunition)
primer assembler
primer-press operator
BULLET-ASSEMBLY-PRESS OPERATOR (ammunition)
BULLET-LUBRICATING-MACHINE OPERATOR (ammunition)
machine pack-shaker lubricator
FUSE-CAP EXPANDER (ammunition)

694.885 Con. PELLET-PRESS OPERATOR (ammunition)
PRESSMAN, PYROTECHNICS (fireworks)
explosives operator
Pressman, Incendiary Grenade (fireworks)
Pressman, Smoke Signal (fireworks)
Pressman, Star Signal (fireworks)
PRIMER-WATERPROOFING-MACHINE OPERATOR (ammunition)
lacquer-machine feeder
RIM-FIRE-PRIMING OPERATOR (ammunition)
rim-fire-charger operator
SHELL-SIEVE OPERATOR (ammunition)
chip separator

694.886 CLIP-LOADING-MACHINE FEEDER (ammunition)

699. Miscellaneous Machine Trades Occupations, n.e.c.

This group includes miscellaneous occupations, not elsewhere classified, concerned with feeding, tending, operating, controlling, and setting up machines to work various materials and products.

699.131 LUBRICATION FOREMAN (any ind.)

699.138 PRODUCTION FOREMAN (any ind.) I

699.384 COMPARATOR OPERATOR (any ind.)
shadowgraph operator

699.782 CUTTER OPERATOR (any ind.)
cutterman
sheeter operator
Cellophane Sheeter (any ind.)
Foil Cutter (electronics)
Liner Sheeter (any ind.)
Paper Sheeter (any ind.)
Spot Cutter (any ind.)
Wrapper Sheeter (any ind.)
DIE CUTTER (any ind.)
beam-machine operator
clicker
clicker operator
clicking-machine operator
die-cutting-machine operator
dieing-out machine operator
die-press operator
dinking-machine operator
power-press operator
Adjustable-Die Cutter (paper goods)
Beam-Press Operator (rubber goods)
Box-Toe Cutter (boot & shoe)
Brim Cutter (hat & cap) II
Buckram Cutter (boot & shoe; hat & cap; leather prod.)
Cap-Parts Cutter (hat & cap)
Double Cutter (boot & shoe)
Glove-Parts Cutter (glove & mit.)
Handbag-Parts Cutter (leather prod.)
Hat-Parts Cutter (leather prod.)
Heel-Lift-Beam Cutter (boot & shoe)
Helmet-Hat-Brim Cutter (hat & cap)
Insole Cutter, Machine (boot & shoe)
Label Cutter (garment)
Leather-Novelty-Parts Cutter (leather prod.)
Lining Cutter, Machine (boot & shoe)
Outsole Cutter, Machine (boot & shoe)
Rounding-Machine Operator (hat & cap)
Shoe-Parts Cutter (boot & shoe)
Silk-Lining Cutter, Machine (boot & shoe; hat & cap; leather prod.)
Single-Beam Clicker (boot & shoe; hat & cap; leather prod.)

699.782 Con.
Sole-Cutting-Machine Operator (boot & shoe)
Sole-Leather-Cutting-Machine Operator (boot & shoe)
Solid-Die Cutter (paper goods)
Top-Lift Cutter (boot & shoe)
Toppiece Cutter (boot & shoe)
Trimming Cutter (garment)
Trimming Cutter, Machine (boot & shoe)
Twin-Beam Clicker (boot & shoe; hat & cap; leather prod.)
Upper Cutter, Machine (boot & shoe)
CUTTER (glove & mit.; tex. prod., n.e.c.)
RIVETING-MACHINE OPERATOR (any ind.)
SLITTING-MACHINE OPERATOR (any ind.) I
rip-machine operator
roll-cutting operator
slitter-and-rewinder-machine operator
splitter operator
Binding Cutter (hat & cap)
Cuff Slitter (glove & mit.)
Electric-Tape Slitter (rubber goods)
Facing Slitter (garment; knit goods)
Miesel-Foil-Spooling-Machine Operator (nonfer. metal alloys)
Paper Slitter (elec. equip.; paper & pulp; paper goods)
Straight Cutter, Machine (embroid.)
Tape Cutter (garment; knit goods)
BINDING CUTTER, SYNTHETIC CLOTH (textile)
ROLL-SHEETING CUTTER (artif. leather; fabric. plastics prod.)
trim operator
Oilcloth Cutter (artif. leather; fabric. plastics prod.)
Plastic-Sheeting Cutter (fabric. plastics prod.)

699.885 BUTTON-ATTACHING-MACHINE OPERATOR (garment; hat & cap)
button bradder
button clamper
button riveter
button tacker
patent-button machine operator, automatic
tacking girl
top-bottom-attaching-machine operator
CUTTER, MACHINE (any ind.) II
shearer
straight cutter
Band Cutter (garment)
Belt Cutter (garment)
Belt-Loop Cutter (garment)
Braid Cutter (rubber goods)
Collar Trimmer (garment)
Cut-Off Girl (sports equip.)
Elastic Cutter (garment)
Foil Cutter (any ind.)
Guillotine Operator (pen & pencil)
Hose-Suspender Cutter (garment)
Label Cutter (garment; knit goods)
Piping Blocker (boot & shoe) I
Ribbon Cutter (garment)
Sample Cutter (garment; textile)
Sheet Cutter (textile)
Strap Cutter (garment)
Tape Cutter (garment)
Toppiece Chopper (boot & shoe)

699.885 Con. EYELET-MACHINE OPERATOR (any ind.)
button bradder
button clamper
button riveter
eyelet maker
eyelet riveter
eyeletter
grommet-machine operator
grommet maker
Blind Eyeletter (boot & shoe)
Blind Hooker (boot & shoe)
Buckle-Attaching-Machine Operator (hat & cap)
Button-Attaching-Machine Operator (any ind.)
Cap-and-Stud-Machine Operator (rubber goods)
Chin-Strap Maker (hat & cap)
Fastener Attacher (any ind.)
Gripper Attacher (any ind.)
Hook-and-Eye Attacher, Machine (garment)
Snap Attacher (any ind.)
Snap-Fastener-Machine Operator (hat & cap)
Sweatband Maker (hat & cap)
EYELET-PUNCH OPERATOR (matt. & bedspring)
POWER-SCREW-DRIVER OPERATOR (any ind.)
power-nut-runner operator
RIVETING-MACHINE OPERATOR (any ind.) II
Rivet Spinner (any ind.)

699.887 MACHINE CLEANER (any ind.)
benchman
blow-off man
machine brusher
machine rubber
washerman
wiper
Bottle-Packing-Machine Cleaner (any ind.)
Card Cleaner (textile)
Creel Cleaner (textile)
Guide-Rail Cleaner (textile)
Loom Blower (textile)
Opening-Machine Cleaner (textile)
Pin Cleaner (textile)
Rack Cleaner (textile)
Shafting Cleaner (any ind.)
HARNESS CLEANER (textile)
harness brusher
reed cleaner
ROPE CLEANER (textile)
OILER (any ind.) I
boiler-room helper
grease man
greaser
greaser and oiler
hostler
lubricator
machine hostler
oiler and greaser
SLITTING-MACHINE-OPERATOR HELPER (any ind.) I
drum operator
rewinder
rewinder-operator helper
slitter-and-rewinder-machine-operator helper
slitter helper
wind-up man

7 BENCH WORK OCCUPATIONS

This category includes occupations concerned with the use of body members, handtools, and bench machines to fit, grind, carve, mold, paint, sew, assemble, inspect, repair, and similarly work relatively small objects and materials, such as jewelry, phonographs, light bulbs, musical instruments, tires, footwear, pottery, and garments. The work is usually performed at a set position in a mill, plant, or shop, at a bench, worktable, or conveyor. At the more complex levels, workers frequently read blueprints, follow patterns, use a variety of handtools, and assume responsibility for meeting standards. Workers at the less complex levels are required to follow standardized procedures.

70 **OCCUPATIONS IN FABRICATION, ASSEMBLY, AND REPAIR OF METAL PRODUCTS, N.E.C.**

This division includes occupations, not elsewhere classified, concerned with fabricating, assembling, and repairing or reconditioning products primarily made of metal, but may include parts of plastic or other materials. Also includes products usually made of metal, such as certain tools, but sometimes made of a substitute metallic-type material, the fabrication of which involves use of tooling and techniques similar to metalworking.

700. **Occupations in Fabrication, Assembly, and Repair of Jewelry, Silverware, and Related Products**

This group includes occupations concerned with fabricating and repairing solid and plated jewelry, tableware, dresser sets, ornamental articles, trophies, medals, rosaries and ecclesiastical ware, jewelers' findings, and related items made of precious and semiprecious metals, and such alloys as pewter and stainless steel. Includes mounting stones in settings. Lapidary work is included in Group 770; and metal engraving is included in Group 704.

700.130 FOREMAN (silverware)
700.131 FOREMAN (gold leaf & foil)
FOREMAN (jewelry cases)
Foreman, Hand Workers (jewelry cases)
Foreman, Machine Workers (jewelry cases)
FOREMAN, JEWELRY DEPARTMENT (jewelry)
Forelady, Jewelry Department (jewelry)
700.281 BROOCH MAKER (jewelry)
jeweler
JEWELER (jewelry)
bench worker
jewelry jobber
jewelry repairman
Goldsmith (jewelry)
Platinumsmith (jewelry)
Silversmith (jewelry)
JEWELER APPRENTICE (jewelry)
bench-worker apprentice
jewelry-repairman apprentice
MODEL MAKER (silverware)
SILVERSMITH (silverware)
700.381 CHAIN MAKER, HAND (jewelry)
FANCY-WIRE DRAWER (jewelry) I
craftsman
GOLDBEATER (gold leaf & foil)
LAY-OUT MAN (jewelry)
LOCKET MAKER (jewelry)
MOLD MAKER (jewelry) I
chaser
MOLD-MAKER APPRENTICE (jewelry)
chaser apprentice
RING MAKER (jewelry) I
STONE SETTER (jewelry; optical goods)
jewel setter
Diamond Setter (jewelry)
Stone Setter, Metal Optical Frames (optical goods)
700.687 INSPECTOR (jewelry)
700.781 HAMMERSMITH (silverware)
flat hammerer
700.781 Con. SAMPLE MAKER (jewelry) I
craftsman
SOLDERER (jewelry)
700.884 ARBORER (jewelry)
bender
ring maker
sizer
ASSEMBLER (jewelry)
Bracelet Maker, Novelty (jewelry)
Brooch Maker, Novelty (jewelry)
WATCH-BAND ASSEMBLER (jewelry)
BRIGHT CUTTER (jewelry)
CHAIN MAKER, MACHINE (jewelry)
Novelty-Chain Maker (jewelry)
DRILLER (jewelry)
drill-press operator
EARRING MAKER (jewelry)
FILER (jewelry)
fitter
shaper
GOLD CUTTER (gold leaf & foil)
HOLLOW-HANDLE-KNIFE ASSEMBLER (silverware)
JIGSAWYER (jewelry)
jigsaw operator
LATHE HAND (jewelry)
sawyer
MESH CUTTER (jewelry)
OXIDIZER (silverware)
PREPARER, MAKING DEPARTMENT (jewelry)
PREPARER, SAMPLES AND REPAIRS (jewelry)
PROFILE-SAW OPERATOR (silverware)
RING STAMPER (jewelry)
ring striker
SILVERWARE ASSEMBLER (silverware)
STRETCHER (jewelry)
700.887 BENCH WORKER, HOLLOW HANDLE (silverware)
BOILER-OUT (jewelry)
CASTER HELPER (jewelry)
CHARGER (jewelry) II
bench hand
set-up and charger
MELTER (jewelry)
MOLD-MAKER HELPER (jewelry)
chaser helper
PLANISHER (jewelry)
POLISHER (jewelry)
rubber-off
Grainer (jewelry)
Lapper (jewelry)
Scratch Brusher (jewelry)
PREPARER (jewelry)
bench hand
Breaker-Off (jewelry)
RIVETER (jewelry)
SCRAPER (jewelry)
cutter and edge trimmer

701. **Occupations in Fabrication, Assembly, and Repair of Tools, and Related Products**

This group includes occupations concerned with hand forging, straightening, tempering, sharpening, assembling, repairing, and reconditioning handtools used in woodworking, metalworking, ceramics, construction, mechanics, agriculture, masonry, sheet metal, jewelry, and watchmaking; setting, filing, welding, or otherwise reconditioning circular or bandsaw blades; and grinding or otherwise reconditioning twist drills, reamers, lathe bits, and other cutting tools used in power and machine tools.

701.137 FOREMAN, ASSEMBLY-AND-PACKING (cut. tools)
701.281 QUALITY-CONTROL INSPECTOR (cut. tools)
701.381 SAW FILER (any ind.)
filer
Band-Saw Filer (any ind.)
Circular-Saw Filer (any ind.)
TOOL GRINDER (any ind.) I
cutlery grinder
grinder man
tool sharpener
Barber-Tool Sharpener (any ind.)
Scissors Grinder (any ind.)
GRINDER (any ind.) III
701.684 INSPECTOR, OPEN DIE (cut. tools)
701.687 LEVEL-VIAL CURVATURE GAGER (cut. tools)
glass-curvature gager
LEVEL-VIAL INSPECTOR-AND-TESTER (cut. tools)
inspector
Final Inspector (cut. tools)
Tester (cut. tools)
Vial Gager (cut. tools)
701.781 REPAIRMAN, HANDTOOLS (cut. tools)
701.884 CALIBRATOR (cut. tools)
LEVEL-VIAL SETTER (cut. tools)
glass setter
SAW-EDGE FUSER, CIRCULAR (cut. tools)
SAW SETTER (stonework)
saw maker
TOOL FILER (pottery & porc.)
TOOL-MAINTENANCE MAN (typewriters & parts)
701.887 ASSEMBLER (cut. tools)
pinner
Assembler, Knife (cut. tools)
Electric-Razor Assembler (cut. tools)
Shear Assembler (cut. tools)
BLADE BALANCER (agric. equip.)
COLD-PRESS LOADER (cut. tools)
laborer, cutting tool
Notched-Blade Loader (cut. tools)
SCISSORS HONER (any ind.)
scissors sharpener
sharpener
WEDGER, MACHINE (cut. tools)

703. **Occupations in Assembly and Repair of Sheet-metal Products. n.e.c.**

This group includes occupations, not elsewhere classified, concerned with laying out, cutting, shaping, and fitting ferrous or nonferrous sheet metal to assemble or repair sheet metal parts and items. Structural sheet metal work is included in Division 80.

703.137 ASSEMBLY FOREMAN (tinware)
703.381 PATTERNMAKER (stonework)
703.587 METAL-FINISH INSPECTOR (any ind.)
703.687 METAL-FINISH INSPECTOR (furn.)
TESTING-MACHINE OPERATOR (tinware)
can tester
pail tester
703.884 BENCH-SHEARS OPERATOR (furn.)
CUPBOARD BUILDER (furn.)
cabinet finisher
TEMPLATE CUTTER (cut. tools)

703.887 ASSORTER (iron & steel)
PAIL BAILER (tinware)
bail attacher
kinker
snapper-on
STEEL-BARREL REAMER (cooperage)

704. Engravers, Etchers, and Related Occupations
This group includes occupations concerned with engraving or etching designs or lettering into surface of flat or curved metal objects, using engravers' handtools and machines or etching acids and inks. Photoengravers and printing plate engravers are included in Division 97.

704.131 ENGRAVING FOREMAN (engraving; jewelry)
Die-Engraving Foreman (engraving)
Jewelry-Engraving Foreman (engraving; jewelry)
FOREMAN, ENGRAVING (pen & pencil)
704.281 ENGRAVER, PICTURE (print. & pub.)
704.381 CHASER (jewelry; silverware)
DYNAMIC-ETCHING PROCESSOR (aircraft mfg.)
chem-mill processor
etcher, aircraft
ENGINE TURNER (jewelry)
ENGRAVER APPRENTICE, DECORATIVE (engraving)
ENGRAVER, DECORATIVE (engraving)
carver
decorator
Engraver, Flatware (engraving)
Engraver, Jewelry (engraving)
Engraver, Lettering (engraving)
Engraver, Optical Frames (engraving)
Engraver, Ornamental Design (engraving)
ENGRAVER, HAND (engraving)
Stencil Maker (engraving)
ENGRAVER, HAND (print. & pub.)
roller-engraving man
ENGRAVER, LETTER (print. & pub.)
ENGRAVER, SEALS (pen & pencil)
ROLLER REPAIRMAN (print. & pub.)
engraved-rollers inspector
roller inspector and mender
roll repairman
704.587 SPOILAGE GIRL (tinware)
can-repair girl
704.884 ENGRAVER, MACHINE (engraving) I
ENGRAVER, MACHINE (engraving) II
ENGRAVER, PANTOGRAPH (engraving) I
prototype-machine operator
ENGRAVER, PANTOGRAPH (engraving) II
ETCHED-CIRCUIT PROCESSOR (electronics)
etched-circuit-card fabricator
photoengraver, printed circuits
printed-circuit processor
ETCHER (engraving)
SILK-SCREEN ETCHER (engraving)
etcher, hand
704.887 CLEANER (engraving)
white-work cleaner
ETCHER, HAND (cut. tools)

705. Filing, Grinding, Buffing, Cleaning, and Polishing Occupations, n.e.c.
This group includes occupations, not elsewhere classified, concerned with filing, grinding, buffing, cleaning, and polishing metal parts or objects other than by use of production machines. Tool sharpening is included in Group 701.

705.781 DIE BARBER (mach. shop)
FILER, FINISH (firearms)
Filer Repairman (firearms)
LAPPER, HAND, TOOL (mach. shop)
hand lapper, tool
lap hand, tool
precision lap hand
705.884 BENCH GRINDER (any ind.)
BLADE GROOVER (cut. tools)
BUFFER (any ind.) I
color buffer
Buffer, Chrome (any ind.)
Buffer, Copper (any ind.)
Buffer, Nickel (any ind.)
Polisher and Buffer (any ind.)
GREASE BUFFER (silverware)
Finisher (silverware)

705.884 Con.
STRAPPER AND BUFFER (shaped wood. art.)
buffer and strapper
TELEVISION-PICTURE-TUBE BUFFER (electronics)
BUFFING-MACHINE TENDER (any ind.)
FILER AND SANDER (shaped wood. art.)
sander and filer
FILER, HAND (cut. tools; hardware)
finisher filer
FILER, HAND, TOOL (mach. shop)
hand filer, tool
precision filer, hand
tool filer, hand
Die Filer (mach. tool & access.)
FINAL FINISHER, FORGING DIES (mach. shop)
die finisher, forging
finisher, forging dies
forging-die finisher
GOLD-NIB GRINDER (pen & pencil)
GRINDER (any ind.) I
Grinder, Belt (any ind.)
Grinder, Lead (auto. mfg.)
Grinder, Wheel or Disk (any ind.)
GRINDER-CHIPPER (any ind.) I
grinder-dresser
portable-grinder operator
Chipper (any ind.) I
Grinder (any ind.) I
METAL FINISHER (any ind.)
MOLD FINISHER (mach. shop)
MOTHER REPAIRMAN (phonograph)
NIB FINISHER (pen & pencil)
POLISHER (any ind.)
Polisher, Aluminum (any ind.)
Polisher, Brass (any ind.)
Polisher, Bronze (any ind.)
Polisher, Zinc (any ind.)
POLISHER, SAND (silverware)
TRIMMER (silverware)
POLISHER AND BUFFER (any ind.) II
POLISHER APPRENTICE (any ind.)
metal-polisher-and-buffer apprentice
SCRAPER, HAND (mach. shop)
hand scraper
scraper
SNAG GRINDER (found.)
casting finisher
cast-shell grinder
snagger
swing-frame-grinder operator
swing grinder
Stand Grinder (found.)
705.887 ETHER-CAN POLISHER (tinware)
JIGGER (jewelry)
LABORER, GRINDING AND POLISHING (any ind.)
finisher
Buffer (any ind.) II
Burrer (mach. shop)
Wire-Brush Man (any ind.)
METAL SANDER AND FINISHER (furn.)
PACKET POLISHER (needle, pin, & rel. prod.)
needle polisher

706. Metal Unit Assemblers and Adjusters, n.e.c.
This group includes occupations, not elsewhere classified, concerned with assembling and adjusting metal units or components, including mechanical assembling or adjusting not requiring overall mechanical knowledge. Electrical assembling and adjusting is included in Division 72.

706.131 FOREMAN (typewriters & parts)
Foreman, Alining (typewriters & parts)
Foreman, Final Assembly (typewriters & parts)
Foreman, Type (typewriters & parts)
706.281 INSPECTOR, TYPEWRITER ASSEMBLY AND PARTS (typewriters & parts)
inspector, manufactured parts
inspector, mechanical
Inspector, Conveyor, or Push Line (typewriters & parts)
Inspector, Final Assembly-Conveyor Line (typewriters & parts)
Inspector, Floor Subassembly (typewriters & parts)
Inspector, Parts Complaint (typewriters & parts)

706.281 Con.
Inspector, Purchased Parts (typewriters & parts)
Inspector, Station Assembly-Conveyor Line (typewriters & parts)
706.381 ADJUSTER (typewriters & parts)
corrector
final adjuster and repairman
repairer
ALINER (typewriters & parts)
aliner, typewriter
ASSEMBLY INSPECTOR (agric. equip.) I
BENCH HAND (furn.)
FINAL ASSEMBLER (office mach.)
OPERATING-TABLE ASSEMBLER (furn.)
Examining-Chair Assembler (furn.)
SEWING-MACHINE ASSEMBLER (mach. mfg.)
SUBASSEMBLER (mach. mfg.)
UTILITY MAN (typewriters & parts)
706.382 FUNCTIONAL TESTER, TYPEWRITERS (typewriters & parts)
Quiet-Booth Inspector (typewriters & parts)
TESTER, SOUND (mach. mfg.)
bearing inspector
706.387 INSPECTOR, AUTOMATIC TYPEWRITER (typewriters & parts)
MACHINE TESTER (office mach.)
Clearing Inspector (office mach.)
Final Inspector (office mach.)
Sampling Inspector (office mach.)
Utility Inspector (office mach.)
706.587 SORTER (typewriters & parts)
706.687 CLUTCH INSPECTOR (auto. mfg.)
INSPECTOR, ALINING (typewriters & parts)
alining checker
Inspector, Sample-Writer-and-Alinement Marker (typewriters & parts)
INSPECTOR, TYPE (typewriters & parts)
ROLLER-BEARING INSPECTOR (mach. mfg.; motor & bicycles)
roller-bearing assembler
706.781 ASSEMBLER (mach. mfg.)
Crusher Assembler (mach. mfg.)
Vibrator Assembler (mach. mfg.)
INTERNAL-COMBUSTION-ENGINE SUBASSEMBLER (engine & turbine)
bench assembler
group assembler
Carburetor Assembler (engine & turbine)
Cylinder-Head Assembler (engine & turbine)
Gearcase Assembler (engine & turbine)
Governor Assembler (engine & turbine)
Remote-Dontrol Assembler (engine &
Remote-Control Assembler (engine & turbine)
Water-Pump Assembler (engine & turbine)
PRECISION ASSEMBLER, BENCH (aircraft mfg.)
aircraft mechanic, precision assembly
assembler, aircraft precision assembly
assembler, precision bench
bench assembler, hydraulics
hydraulic-installation assembler
precision assembler, hydraulics
WHEELWRIGHT (auto. ser.)
706.884 AIR-CONDITIONING-COIL ASSEMBLER (refrigerat. equip.)
coil-fin assembler
plate-fin assembler
ASSEMBLER (office mach.; typewriters & parts)
assembler-adjuster
Assembler, Adding Machine (typewriters & parts)
Assembler, Electric Typewriter (typewriters & parts)
Assembler, Standard Typewriter (typewriters & parts)
ASSEMBLER, PRODUCT (mach. shop)
assembler
erector
ASSEMBLER, SMALL PARTS (any ind.)
bench assembler

706.884 Con.
ASSEMBLER, TYPE-BAR-AND-SEGMENT (typewriters & parts)
Fitter, Type Bar (typewriters & parts)
Former, Type-Bar-and-Segment (typewriters & parts)
ATOMIZER ASSEMBLER (fabric. prod., n.e.c.)
BAR AND FILLER ASSEMBLER (furn.)
BEARING-RING ASSEMBLER (mach. mfg.)
unit assembler
BENCH ASSEMBLER (agric. equip.)
subassembler
Reel Fabricator (agric. equip.)
BENCH HAND (motor. & bicycles)
DRAPERY-ROD ASSEMBLER (ret. tr.)
DRAWER UPFITTER (furn.)
drawer-hardware man
file-drawer finisher
FITTER (any ind.) II
HYDRAULIC-CHAIR ASSEMBLER (furn.)
Dental-Chair Assembler (furn.)
INJECTOR ASSEMBLER (engine & turbine)
INSTRUMENT-PANEL ASSEMBLER (aircraft mfg.)
bench assembler, electrical
instrument-installation man
LOCK ASSEMBLER (furn.)
LOCK ASSEMBLER (hardware)
LOCKER ASSEMBLER (furn.)
Cabinet Assembler (furn.) II
LOCK MAN (furn.)
METAL-BED ASSEMBLER (furn.)
panel assembler
Foot-Piece Assembler (furn.)
Head-Piece Assembler (furn.)
PLUMBING-HARDWARE ASSEMBLER (plumb. supplies)
assembler
fittings tightener
SOLDERER-ASSEMBLER (welding)
production solderer
returned-goods repairman
Solderer, Assembly Repair (welding)
SOLDERER-AND-SCRAPER (musical inst.)
TABLE INSTALLER (light, heat, & power)
SPRING-ASSEMBLY MAN (spring)
Bolt-Up Man (spring)
Bushing-and-Broach Operator (spring)
Catcher (spring)
Clip Riveter (spring)
Greaser (spring)
Pinner (spring)
SUBASSEMBLER (office mach.)
VALVE GRINDER (mach. shop)
valve lapper
VENDING-MACHINE ASSEMBLER (coin mach.)
WHEEL LACER AND TRUER (motor. & bicycles)
wheel assembler
wheel truer
WHEEL-TRUING MACHINE TENDER (motor. & bicycles)
WRAPPER OPERATOR (spring)

706.887 ASSEMBLER, PRODUCTION (any ind.)
CLEANER-TOUCH-UP MAN (typewriters & parts)
touch-up man
FAN-BLADE ALINER (elec. equip.)
blade aliner
fan-blade truer
line-up-machine operator
PUSH-CONNECTOR ASSEMBLER (elec. equip.)
assembler, latches and springs
TYPE-SOLDERING-MACHINE OPERATOR (typewriters & parts)

709. Miscellaneous Occupations in Fabrication, Assembly, and Repair of Metal Products, n.e.c.

This group includes occupations, not elsewhere classified, concerned with fabricating, assembling, and repairing metal products.

709.281 INSPECTOR, AIRCRAFT ACCESSORIES (aircraft mfg.)
LOCKSMITH (any ind.)
lock expert
LOCKSMITH APPRENTICE (any ind.)

709.381 EXPERIMENTAL MAN (wirework)
MODEL MAKER (jewelry)
jewelry-casting-model maker
MODEL-MAKER APPRENTICE (jewelry)
jewelery-casting-model-maker apprentice

709.381 Con.
PATTERNMAKER (furn.)
PRECISION INSPECTOR (inst. & app.)
REED MAKER (mach. mfg.)
SPRING FORMER, HAND (spring)
fitter, hand

709.382 SEWING-MACHINE TESTER (mach. mfg.)
Sewing-Machine Attachment Tester (mach. mfg.)

709.387 INSPECTOR, TIN CAN (tinware)
can-line examiner
tin-can inspector

709.587 INSPECTOR (cut. tools) I
Hacksaw Inspector (cut. tools)
Steel-Rule Inspector (cut. tools)

709.684 ASSEMBLY-LINE INSPECTOR (furn.)

709.687 INSPECTOR, WIRE PRODUCTS (wirework)
PROOF-COIN COLLECTOR (gov. ser.)
SPRING INSPECTOR (spring) II
inspector-and-unloader
ZYGLO INSPECTOR (any ind.)
zyglo operator and inspector

709.781 MODEL BUILDER (furn.)
MOLD STAMPER AND REPAIRMAN (rubber tire & tube)
mold dresser
ORGAN-PIPE MAKER, METAL (musical inst.)
PROPELLANT LOADER (aircraft mfg.)
WEAVER, BENCH LOOM (wirework)

709.884 ADJUSTER (furn.)
ASSEMBLER, PRODUCTION LINE (struct. & ornam. metalwork) II
Door-Lock Installer (struct. & ornam. metalwork)
Frame Assembler (struct. & ornam. metalwork)
Screen Installer (struct. & ornam. metalwork)
Spliner (struct. & ornam. metalwork)
BABBITTER (mach. shop)
BIRD-CAGE ASSEMBLER (wirework)
CABLE SWAGER (aircraft mfg.)
cable assembler
swaging-machine operator
swedging-machine operator
CAGE MAKER (conc. prod.)
CIGARETTE-LIGHTER REPAIRMAN (any ind.)
CLIP BOLTER-AND-WRAPPER (spring)
clip wrapper
FIRE-EXTINGUISHER SERVICEMAN (any ind.)
repairman, fire extinguisher
HAND STAMPER (any ind.)
HOT-TOP LINER (iron & steel)
KEY CUTTER (any ind.)
key maker
keysmith
key worker
MOLD STAMPER (mach. shop)
REAMER, HAND (mach. shop)
REPAIRMAN (furn.)
handyman
salvage man
RIVETER, HAND (any ind.)
SALVAGE MAN (petrol. refin.)
salvage repairman
valve repairman, reclamation
SHEARER AND TRIMMER, WIRE SCREEN AND FABRIC (wirework)
screen cutter and trimmer
shearer, screen measurer and trimmer
Seamer (wirework)
SILK-SCREEN-FRAME ASSEMBLER (any ind.)
jig builder, silk screen
set-up man, silk-screen frame
SPRING FITTER (spring)
SPRING LOOPER, HAND (spring)
helical-looper operator, hand
spring finisher, hand
STAB SETTER AND DRILLER (cut. tools)
STRAIGHTENER, HAND (any ind.)
Straightener, Gun Parts (firearms)
Tool Straightener (any ind.)
TORCH STRAIGHTENER AND HEATER (any ind.)
straightener, torch
TUBE BENDER, HAND (any ind.) I
bender, hand

709.884 Con.
WIRE-FRAME-LAMP-SHADE MAKER (fabric. prod., n.e.c.)
WIRE-ROPE-SLING MAKER (wirework)
sling maker
WIRE-ROPE-SLING-MAKER HELPER (wirework)
splicer helper
WIRE-SCREEN WEAVER, HAND (wirework)
WIREWORKER (aircraft mfg.)
airplane-cable mechanic
cable splicer, aircraft

709.887 CIRCULAR-KNITTING-NEEDLE BENDER (needle, pin, & rel. prod.)
stitch-holder bender
CLEANER AND POLISHER (any ind.)
Chrome Cleaner (any ind.)
Nickel Cleaner (any ind.)
CLEANER, FURNITURE (furn.)
bed washer
cleaner man
furniture cleaner
metal cleaner
FABRIC STRETCHER (matt. & bedspring)
cot assembler
fabric assembler
flat-spring assembler
FRAME MAKER (umbrella)
IMPELLER ASSEMBLER (elec. equip.)
LABORER, TIN CAN (tinware)
Bag Sealer (tinware)
Can Reforming Machine Operator (tinware)
Can Stacker (tinware)
Cleaner (tinware)
SALVAGE-MAN HELPER (petrol. refin.)
salvage-repairman helper
SPRING TESTER (spring) II
TABLE AND DESK FINISHER (furn.)
desk and table finisher
TIN-CONTAINER STRAIGHTENER (tobacco)
tins salvager
TUBE BENDER, HAND (any ind.) II
Wire Bender, Hand (any ind.)
WIRE-BASKET MAKER (wirework)

71 OCCUPATIONS IN FABRICATION AND REPAIR OF SCIENTIFIC AND MEDICAL APPARATUS, PHOTOGRAPHIC AND OPTICAL GOODS, WATCHES AND CLOCKS, AND RELATED PRODUCTS

This division includes occupations concerned with assembling, fabricating, and repairing scientific, engineering, and medical equipment, photographic and optical goods, clocks and watches, and related products, using specialized handtools and bench-type machines.

710. Occupations in Fabrication and Repair of Instruments for Measuring, Controlling, and Indicating Physical Characteristics

This group includes occupations concerned with fabricating and repairing instruments for measuring, controlling, and indicating temperature, pressure and vacuum, fluid flow, liquid level, mechanical motion, rotation, humidity, density, acidity or alkalinity, and combustion, including those used to control home air-conditioning and heating systems and as components in household appliances; dial pressure gages; scales and balances; and apparatus for testing such physical properties as hardness, tension, torsion, compression, and elasticity. Instruments for measuring, recording, and controlling electrical characteristics are included in Division 72.

710.128 TECHNICAL INSTRUCTOR, BALANCES (bal. & scales)

710.130 MACHINE - GROUP - AND - SPECIAL - ASSEMBLIES FOREMAN (inst. & app.)

710.131 FOREMAN, THERMOSTATIC-CONTROLS (inst. & app.)
Foreman, Assembly (inst. & app.)
Foreman, Calibration (inst. & app.)
Foreman, Inspection (inst. & app.)
Foreman, Repair (inst. & app.)
GAS-METER-REPAIRMAN FOREMAN (light, heat, & power)
INSTRUMENT FOREMAN (any ind.)
INSTRUMENT-MECHANIC FOREMAN (light, heat, & power)

710.131 Con.
INSTRUMENT-REPAIRMAN FOREMAN (any ind.)
instrument-inspector foreman
METER-AND-REGULATOR-SHOP FOREMAN (light, heat, & power; petrol. refin.)
meter-shop foreman
regulator-and-meter shop foreman
METER-REPAIR-SHOP FOREMAN (light, heat, & power)
meter-shop foreman
METER-SHOP FOREMAN (waterworks)
SHOP FOREMAN (petrol. production)
electronics supervisor
research-shop foreman

710.281
CONTROLLER ADJUSTER (tobacco)
service engineer
ELECTRICAL INSPECTOR (inst. & app.)
ELECTROMECHANICAL TECHNICIAN (inst. & app.)
Development Technician (inst. & app.)
Fabrication Technician (inst. & app.)
ELECTRONIC-SCALE ASSEMBLER AND TESTER (bal. & scales)
GAS-METER PROVER (light, heat, & power)
gas-meter adjuster
GAS-METER REPAIRMAN (light, heat, & power)
hard-case-meter repairman
iron-case-meter repairman
GAS-METER-REPAIRMAN APPRENTICE (light, heat, & power)
HYDROMETER CALIBRATOR (inst. & app.)
hydrometer finisher
INDUSTRIAL-GAS SERVICEMAN (light, heat, & power)
INSTRUMENT INSPECTOR (inst. & app.)
Optical-Instrument Inspector (inst. & app.)
INSTRUMENT MAN (aircraft mfg.; air trans.)
INSTRUMENT MECHANIC (light, heat, & power)
INSTRUMENT-MECHANIC APPRENTICE (light, heat, & power)
INSTRUMENT REPAIRMAN (any ind.) I
instrument-maintenance mechanic
instrument man
weights-and-measuring man
Meter Serviceman (any ind.)
Panel Instrument Repairman (any ind.)
X-Ray-Control-Equipment Repairman (any ind.)
METER REPAIRMAN (any ind.)
meterman
meter tester
TAXIMETER REPAIRMAN (auto. ser.)
TIN-CASE-METER REPAIRMAN (light, heat, & power)
WATER-METER REPAIRMAN (waterworks)

710.381
ASSEMBLY TESTER (inst. & app.)
ATOMIC-FUEL ASSEMBLER (chem.)
fuel assembler
process operator, atomic energy
BALANCER, SCALE (bal. & scales)
Scale Balancer, Cylinder (bal. & scales)
Scale Balancer, Fan (bal. & scales)
Scale Balancer, Industrial (bal. & scales)
Scale Balancer, Projected Indication (bal. & scales)
Scale Balancer, Retail (bal. & scales)
ELECTROMECHANICAL INSPECTOR (inst. & app.)
mechanical inspector
ELECTRONIC ASSEMBLER-AND-TESTER (bal. & scales)
GAS-METER INSPECTOR (light, heat, & power)
valve tester
INSTRUMENT-MAN HELPER (aircraft mfg.; air trans.)
METER MECHANIC (light, heat, & power)
gas-meter mechanic
REGISTER REPAIRMAN (r.r. trans.)
farebox repairman
REPAIRMAN, GYROSCOPE (inst. & app.)
SPEEDOMETER REPAIRMAN (auto. ser.)

710.384
INSPECTOR, MECHANICAL AND ELECTRICAL (elec. equip.)
METER INSPECTOR (light, heat, & power)
PASSER AND FINISHER, CLINICAL THERMOMETER (inst. & app.)
airman, thermometer

710.384 Con.
finisher and passer, clinical thermometer
thermometer tester
SALVAGE MAN (inst. & app.)

710.387
CALIBRATION CHECKER (inst. & app.) I
float checker
ROVING INSPECTOR (inst. & app.)
TESTER, REGULATOR (sports equip.; surgical appl.)

710.684
DIP-AND-SLOW-LIGHT TESTER (light, heat, & power)
SLOW-MOTION TESTER (light, heat, & power)

710.687
CALIBRATION CHECKER (inst. & app.) II
air checker
INSPECTOR, ETCHED-METAL PARTS (inst. & app.)
inspector
SPEEDOMETER INSPECTOR (inst. & app.)
Inspector, Flexible Shafts (inst. & app.)
Inspector, Jewel (inst. & app.)
THERMOSTAT ADJUSTER (inst. & app.)

710.781
CALIBRATOR (elec. equip.)
GAS-GOVERNOR REPAIRMAN (light, heat, & power; petrol. refin.; pipe lines)
STEAM METERMAN (light, heat, & power)
meter repairman
Condensate-Meter-Maintenance Man (light, heat, & power)
Flowmeter-Maintenance Man (light, heat, & power)
THERMOSTAT REPAIRMAN (inst. & app.)
field-return repairman
production repairman

710.884
AGATE SETTER (bal. & scales)
ASSEMBLER (bal. & scales)
Scale Assembler, Cylinder (bal. & scales)
Scale Assembler, Fan (bal. & scales)
Scale Assembler, Industrial (bal. & scales)
Scale Assembler, Projected Indication (bal. & scales)
Scale Assembler, Retail (bal. & scales)
ASSEMBLER (inst. & app.)
BELLOWS CHARGER (inst. & app.) I
charge man
BELLOWS CHARGER (inst. & app.) II
CALIBRATOR (inst. & app.) I
CALIBRATOR (inst. & app.) II
CHANNEL TESTER (light, heat, & power)
FILLER (inst. & app.)
inclinometer tester
FREQUENCY-METER ALINER (electronics)
crystal calibrator
tester, crystals
GAGE CALIBRATOR (inst. & app.)
GAS-GOVERNOR-REPAIRMAN HELPER (light heat, & power; petrol. refin.; pipe lines)
gas-regulator-repairman helper
GAS-METER-DIAPHRAGM INSTALLER (light, heat, & power)
GAS-METER PACKER (light, heat, & power)
stuffing-box packer
GAS-METER STRIPPER (light, heat, & power)
meter opener
GRADUATING-MACHINE OPERATOR (inst. & app.)
INSTRUMENT-MECHANIC HELPER (light, heat, & power)
INSTRUMENT-REPAIRMAN HELPER (any ind.)
instrument-man helper
shop repairman, instrument
METER-REPAIRMAN HELPER (any ind.)
PARKING-METER SERVICEMAN (gov. ser.)
equipment-maintenance helper
SCROLL ASSEMBLER (bal. & scales)
SEALER (bal. & scales)
SLIDE PROCESSOR (inst. & app.)
SPEEDOMETER ASSEMBLER (inst. & app.)
parts assembler
Odometer Assembler (inst. & app.)
Pedometer Assembler (inst. & app.)
SPEEDOMETER CALIBRATOR (inst. & app.)
calibrator
speedometer tester
THERMOSTAT ASSEMBLER (inst. & app.)

710.884 Con.
THERMOSTAT CALIBRATOR (inst. & app.)
air setter
setter
FLOAT-TANK MAN (inst. & app.)
THERMOSTAT SETTER (inst. & app.)
pre-set man
VALVE ASSEMBLER (inst. & app.)

710.887
BELLOWS CRIMPER (inst. & app.)
crimper
pinch-off man
BELLOWS TESTER (inst. & app.)
beam checker
bellows inspector
DEWAXER (inst. & app.)
GAS-METER-REPAIRMAN HELPER (light, heat, & power)
gas-meter shopman
Gas-Meter Washer (light, heat, & power)
INSTRUMENT CHECKER (inst. & app.)
timer checker
Sequence-Control Checker (inst. & app.)
Thermostat Checker (inst. & app.)
TIE-UP MAN (bal. & scales)

711. Occupations in Fabrication and Repair of Optical Instruments and Lenses

This group includes occupations concerned with grinding, polishing, and coating optical lenses, reflectors, filters, and prisms, except ophthalmic lenses; and fabricating and repairing optical instruments, such as microscopes, field glasses, opera glasses, and telescopes; optical measuring and testing instruments, such as refractometers, spectrometers, spectroscopes, colorimeters, and polariscopes; and optical range finders, bombsights, and fire-control instruments.

711.138
FOREMAN, OPTICAL INSTRUMENTS (inst. & app.)

711.381
BENCHMAN (optical goods) II
LAY-OUT MAN, BENCH (optical goods)
finish lay-out man
lens marker
marking man
spotter
OPTICIAN, CONTACT-LENS DISPENSING (ret. tr.)
SURFACE-LAY-OUT MAN (optical goods)

711.384
LENS INSPECTOR (optical goods) II
final inspector
Finished-Camera-Lens Inspector (optical goods)
Finished-Eyeglass-Lens Inspector (optical goods)
Finished-Instrument-Lens Inspector (optical goods)

711.387
CONTACT-LENS FINAL INSPECTOR (optical goods)
final inspector
CONTACT-LENS INSPECTOR (optical goods)
lens inspector
INSPECTOR, OPTICAL ELEMENTS (optical goods)
optical-element inspector
PRISM MEASURER (optical goods)
prism inspector
WET INSPECTOR, OPTICAL GLASS (optical goods)
optical-glass inspector

711.487
TOPSIDE INSPECTOR (optical goods)

711.587
INSPECTOR, MULTIFOCAL LENS (optical goods)
Fusing-Line Inspector (optical goods)
Multifocal-Button Inspector (optical goods).
Polished-Lens-Blank Inspector (optical goods).

711.687
LENS-BLANK GAGER (optical goods)
clocker
lens assorter
neutralizer
sizer
LENS-COATING INSPECTOR (optical goods)
LENS EXAMINER (optical goods)
inspector-in-process
lens assorter
lens inspector

711.781
BEVELER (optical goods)
edger
smoother
CUTTER-AND-WEIGHER (optical goods)

711.781 Con. LENS GRINDER (optical goods) I
grinder and polisher
Lens Grinder, Bench (optical goods)
Lens Grinder, Cylindrical (optical goods)
Lens Grinder, Spherical (optical goods)
MULTIFOCAL-BUTTON GRINDER (optical goods)
topside grinder
OPTICAL-ELEMENT COATER (optical goods)
coater
coating-machine operator
PRECISION-LENS POLISHER (optical goods)

711.884 BENCHWORKER (optical goods) II
miterer
piercer
slotter
GRINDER, HAND (optical goods)
backside grinder
INSTRUMENT-LENS CENTERER AND EDGER (optical goods)
INSTRUMENT MAN (inst. & app.)
instrument repairman
LENS-EDGE GRINDER, HAND (optical goods)
edger
LENS POLISHER (optical goods) I
Backside Polisher (optical goods)
Countersink Polisher (optical goods)
Lens Polisher, Cylindrical (optical goods)
Lens Polisher, Spherical (optical goods)
Multifocal-Button Polisher (optical goods)
Topside Polisher (optical goods)
METAL-FRAME INSERT MAN (optical goods)
lens mounter
MULTIFOCAL-BUTTON ASSEMBLER (optical goods)
button assembler
MULTIFOCAL-LENS ASSEMBLER (optical goods)
OPTICAL-GLASS ETCHER (optical goods)
glass etcher
PRECISION-LENS GENERATOR (optical goods)

711.887 CONTACT-LENS-FLASHING PUNCHER (optical goods)
puncher
LENS CEMENTER (optical goods)
POLISHING-PAD MOUNTER (optical goods)
pad maker

712. Occupations in Fabrication and Repair of Surgical, Medical, and Dental Instruments and Supplies

This group includes occupations concerned with fabricating and repairing dental, medical, surgical, ophthalmic, and veterinary instruments, apparatus, and supplies, other than electrical used by those in the professions, laboratories, and schools; orthopedic, prosthetic, and surgical appliances and supplies, such as arch supports and other foot appliances, fracture appliances, elastic hosiery, abdominal supporters, braces, trusses, bandages, surgical gauze and dressings, adhesive tapes and medicated plasters, and personal safety appliances and equipment; artificial teeth and dental metals, alloys, and amalgams. Fabrication and repair of artificial dentures, bridges, inlays, and other dental restoration is included in Group 078.

712.130 FOREMAN, ARTIFICIAL-LIMB FABRICATION (surgical appl.)

712.137 FACEPIECE-LINE SUPERVISOR (surgical appl.)
FINAL-ASSEMBLY-AND-PACKING SUPERVISOR (surgical appl.)
packing-and-final-assembly supervisor

712.281 DENTAL CERAMIST (medical ser.)
ceramist
ceramics technician
MEDICAL-APPARATUS MODEL MAKER (inst. & app.)
ORTHOPEDIC-APPLIANCE-AND-LIMB TECHNICIAN (surgical appl.)
brace maker
orthopedic technician
Artificial-Appliance Maker, Metal (surgical appl.)
Artificial-Arm Maker (surgical appl.)

712.281 Con. Artificial-Leg-and-Brace Maker (surgical appl.)
Artificial-Limb Joint Maker (surgical appl.)
Finisher, Artificial Limb (surgical appl.)
Fitter (surgical appl.)
Foot Maker (surgical appl.)
Plastic-Bucket Maker (surgical appl.)
Plastic-Shin Maker (surgical appl.)
Socket Maker (surgical appl.)

712.381 CONTOUR WIRE SPECIALIST, DENTURE (medical ser.)
contour wireman, denture
DENTAL-LABORATORY TECHNICIAN (medical ser.)
dental technician
DENTAL TECHNICIAN, CROWN AND BRIDGE (medical ser.)
crown and bridge technician
DENTAL TECHNICIAN, METAL (medical ser.)
ORTHODONTIC TECHNICIAN (medical ser.)
DENTAL-LABORATORY-TECHNICIAN APPRENTICE (medical ser.)
dental-technician apprentice
INSPECTOR, HEARING AIDS (electronics)
MOLDER, BENCH (dental equip.)
SET-UP MAN, DENTURE (medical ser.)
SPECIAL NEEDLE MAN (inst. & app.)

712.687 GAGER (surgical appl.)
suture gager
suture measurer
GAS-MASK INSPECTOR (surgical appl.)
INSPECTOR, SURGICAL INSTRUMENTS (inst. & app.)
PAD INSPECTOR (surgical appl.)

712.781 ARCH-SUPPORT TECHNICIAN (surgical appl.)
DENTAL-CERAMIST ASSISTANT (medical ser.)
porcelain finisher
porcelain waxer
LEATHER WORKER (surgical appl.)
corsetiere
limb finisher
seamstress
sewer
ORTHODONTIC GOLD-BAND MAKER (medical ser.)

712.884 BITE-BLOCK MAN (medical ser.)
bite-block maker
bite-rim man
CATHETER-BUILDER HELPER (rubber goods)
COILER (dental equip.)
coil sticker
DENTURE WAXER (medical ser.)
FINISHER, DENTURE (medical ser.)
FLANGER (inst. & app.)
glass-cylinder flanger
GAS-MASK ASSEMBLER (surgical appl.)
Kick-Press Operator, Gas Masks (surgical appl.)
Taper (surgical appl.)
Tip Clincher (surgical appl.)
Valve Sealer (surgical appl.)
Wirer (surgical appl.)
GLAZIER (inst. & app.)
MEDICAL-INSTRUMENT-CABLE FABRICATOR (inst. & app.)
METAL FINISHER (medical ser.)
ORTHOPEDIC-CAST SPECIALIST (medical ser.)
cast man
cast technician
PACKER, DENTURE (medical ser.)
molder
PLASTERMAN (medical ser.)
refractory man
POLISHER (medical ser.)
metal polisher
SURGICAL-FORCEPS FABRICATOR (inst. & app.)
fabrication-and-plastic man
SURGICAL-NEEDLE GRINDER (needle, pin, & rel. prod.)
needle grinder
WAXER, METAL, PARTIAL DENTURE (medical ser.)
WIRE REAMER (inst. & appl)

712.887 SUTURE POLISHER (surgical appl.)
SUTURE WINDER, HAND (surgical appl.)
gut winder

712.887 Con. TOOTH INSPECTOR (dental equip.)
separator
sorter

713. Occupations in Fabrication and Repair of Ophthalmic Goods

This group includes occupations concerned with grinding eyeglass and sunglass lenses and fabricating and repairing ophthalmic frames and goods.

713.130 FOREMAN (optical goods)
Foreman, Assembly Department (optical goods)
Foreman, Contact Lens (optical goods)
Foreman, Glass Molding (optical goods)
Foreman, Multifocal Lens (optical goods)
Foreman, Precision Optical Instruments (optical goods)
Foreman, Sunglasses (optical goods)
Fusing-Room Foreman (optical goods)
Grinding and Polishing Foreman (optical goods)
Inspection Foreman (optical goods)
Lens-Generating Machine Foreman (optical goods)
Molding Room Foreman (optical goods)
Preparations Foreman (optical goods)

713.251 OPTICIAN, DISPENSING (optical goods; ret. tr.)

713.281 ARTIFICIAL-GLASS-EYE MAKER (optical goods)
ocularist, glass
ARTIFICIAL-PLASTIC-EYE MAKER (optical goods)
artificial-eye maker
artificial-eye technician, plastic
fitter-and-maker, artificial eye
laboratory technician, artificial eyes
LENS-MOLD SETTER (optical goods)
mold setter

713.381 INSPECTOR (optical goods)
OPTICIAN (optical goods; ret. tr.)
optical mechanic
OPTICIAN APPRENTICE (optical goods; ret. tr.)
ophthalmic-technician apprentice
optical-mechanic apprentice

713.687 EYEGLASS-FRAME INSPECTOR (optical goods)
spectacles-frame inspector
GLASS CHECKER (optical goods)
transmission-machine operator
GLASS SHADER (optical goods)
INSPECTOR, CLIP-ON SUNGLASSES (optical goods)
LENS-BLOCK GAGER (optical goods)

713.781 LATHE OPERATOR, CONTACT LENS (optical goods)
contact-lens cutter
LENS BLOCKER-AND-CUTTER (optical goods)
blocker-and-cutter
SURFACER (optical goods)
grinder, prescription lens
ZYL MOUNTER (optical goods)
zylo mounter

713.884 ASSEMBLER, GOLD FRAME (optical goods)
ASSEMBLER, MOLDED FRAMES (optical goods)
frame assembler
CONTACT-LENS-CURVE GRINDER (optical goods)
peripheral-curve grinder
CONTACT-LENS-EDGE BUFFER (optical goods)
buffer
edger
CONTACT-LENS POLISHER (optical goods)
lens polisher
COUNTERSINK GRINDER (optical goods)
EMBOSSER AND TRIMMER (optical goods)
EYEGLASS-LENS CUTTER (optical goods)
lens cutter
FRAME CARVER, SPINDLE (optical goods)
frazer operator
GROOVER (optical goods)
frame groover
HEATING-FIXTURE TENDER (optical goods)
melter
LENS ASSEMBLER (optical goods)
LENS-BLANK MARKER (optical goods) I
lens engraver
stamper
LENS GENERATOR (optical goods) I
generator
Cataract-Lens Generator (optical goods)

713.884 Con.
Multifocal-Button Generator (optical goods)
Smoothing-Machine Operator (optical goods)
TRUER (optical goods)
MOUNTER AND REPAIRER (optical goods)
assembler
benchman
bench worker
lens mounter
optical mounter
prescription-lens mounter
spectacle-lens mounter
PLASTIC-FRAME INSERT MAN (optical goods)
lens mounter
POLISHER (optical goods) II
SPECTACLES TRUER (optical goods)
spectacles frame or mounting truer
TRIM MOUNTER (optical goods)
metal trimmer
plaque mounter

713.887 ASSEMBLER, CLIP-ON SUNGLASSES (optical goods)
BLOCK CLEANER (optical goods)
BLOCKER (optical goods)
lens blocker
CEMENTER (optical goods)
CLIP DIPPER (optical goods)
clip baker
dipper
FINAL ASSEMBLER (optical goods)
LENS INSERTER (optical goods)
roll-over loader
POLISHER, IMPLANT (optical goods)
hand polisher
implant polisher
SALVAGER (optical goods)

714. Occupations in Fabrication and Repair of Photographic Equipment and Supplies

This group includes occupations concerned with fabricating and repairing photographic apparatus, such as still and motion picture cameras and projectors, photocopy and microfilm equipment, blueprinting and diazotype equipment, and other photographic equipment, parts, and attachments; sensitized film, plates, cloth, and papers; and prepared chemicals packaged for photographic use. Electronic components are included in Group 726 and bulbs are included in Group 725.

714.131 MOTION-PICTURE-EQUIPMENT FOREMAN (motion pic.)
cinetechnician foreman

714.281 CAMERA REPAIRMAN (any ind.)
MACHINIST, MOTION-PICTURE EQUIPMENT (motion pic.)
camera-maintenance man
camera repairman
cinetechnician
motion-picture-camera repairman
AIRCRAFT PHOTOGRAPHIC EQUIPMENT MAINTENANCE MAN (any ind.)
TECHNICAL-MAINTENANCE MAN (any ind.)
photographic-equipment-maintenance man

714.381 ASSEMBLER, FILM DEVELOPER (photo. apparatus)
ASSEMBLER, MOTION-PICTURE CAMERAS (photo. apparatus)
ASSEMBLER, PHOTOGRAPHIC EQUIPMENT (photo. apparatus)
PHOTOGRAPHIC-PLATE MAKER (electronics)
photographic-process attendant

714.684 CAMERA INSPECTOR (photo. apparatus)
photographic-equipment inspector
Camera-Casing Inspector (photo. apparatus)
Film-Roller Inspector (photo. apparatus)
Motion-Picture-Camera Inspector (photo. apparatus)

714.687 FILM INSPECTOR (photo. apparatus)
SENSITIZED-PAPER TESTER (photo. apparatus)

714.884 ASSEMBLER (photo. apparatus)
Camera Assembler (photo. apparatus)
Camera-Shutter Assembler (photo. apparatus)

714.884 Con.
Meter Assembler (photo. apparatus)
Projector Assembler (photo. apparatus)
Synchro-Assembler (photo. apparatus)
ASSEMBLER, PLASTIC PARTS (photo. apparatus)
BELLOWS MAKER (photo. apparatus)
bellows assembler
camera repairman, bellows
BENCH EXAMINER (motion pic.)
rewinder
PHOTOMETER REPAIRMAN (photo. apparatus)
SCREEN REPAIRMAN (photo. apparatus)
X-RAY-SCREEN MAKER (photo. apparatus)

714.887 DENTAL-X-RAY-FILM ASSEMBLER (photo. apparatus)
PASTER (photo. apparatus)
SAMPLEMAN (photo. apparatus)

715. Occupations in Fabrication and Repair of Watches, Clocks, and Parts

This group includes occupations concerned with fabricating and repairing complete mechanical or electric watches and clocks, and mechanical movements used in such clock work-operated devices as timers and electric meters or recorders.

715.131 CASING FOREMAN (clock & watch)
DAMASCENING FOREMAN (clock & watch)
DIALS FOREMAN (clock & watch)
HAIRSPRING FOREMAN (clock & watch)
MAINSPRING FOREMAN (clock & watch)
SUPERVISOR, INSPECTOR (clock & watch)
TUMBLING-AND-ROLLING FOREMAN (clock & watch)

715.228 INSTRUCTOR, WATCH ASSEMBLY (clock & watch)
Instructor, Hairspring (clock & watch)

715.281 CHRONOMETER ADJUSTER (clock & watch)
REPAIRMAN (clock & watch)
Repairman, Balance (clock & watch)
Repairman, Hairspring (clock & watch)
Repairman, Train and Mechanism (clock & watch)
Repairman, Watch Cases (clock & watch)
WATCH ADJUSTER (clock & watch) I
WATCH ADJUSTER (clock & watch) II
WATCHMAKER (any ind.)
clockmaker
watch repairman
Demand-Equipment Repairman (light, heat, & power)
Time-Clock Repairman (clock & watch)
REPAIRMAN (inst. & app.)
WATCHMAKER APPRENTICE (any ind.)
clock-and-watch repairman apprentice

715.381 ASSEMBLYMAN (clock & watch)
BANKING INSPECTOR (clock & watch)
BARREL-ENDSHAKE ADJUSTER (clock & watch)
BARREL INSPECTOR (clock & watch) I
COORDINATE-MEASURING-MACHINE TECHNICIAN (clock & watch)
FINAL INSPECTOR (clock & watch)
adjuster and inspector
finishing inspector
watch-assembly inspector
watch inspector, final movement
HAIRSPRING INSPECTOR (clock & watch) I
HAIRSPRING TRUER (clock & watch)
HAIRSPRING VIBRATOR (clock & watch)
INSPECTOR (clock & watch)
INSPECTOR, WATCH PARTS (clock & watch) I
final-parts inspector
inspector, precision
TIMING ADJUSTER (clock & watch)
timer
TRAIN INSPECTOR (clock & watch)
WATCH ASSEMBLER (clock & watch)
WATCH-ASSEMBLY INSPECTOR (clock & watch) I

715.384 HAIRSPRING-TRUING INSPECTOR (clock & watch)
TRUER (clock & watch)
Truer, Comparator (clock & watch)

715.387 INSPECTOR, WATCH PARTS (clock & watch) II
Arbor Inspector (clock & watch)
Balance-Staff Inspector (clock & watch)
Barrel Inspector (clock & watch) II
Pinion Inspector (clock & watch)
Plated Inspector (clock & watch)

715.387 Con.
Wheel Inspector (clock & watch)
HANDS INSPECTOR (clock & watch)
STRIP GAGER (clock & watch)
mainspring-strip gager
STRIP INSPECTOR (clock & watch)
mainspring-strip inspector
MECHANISM INSPECTOR (clock & watch)
POISING INSPECTOR (clock & watch)

715.585 TIMING-MACHINE OPERATOR (clock & watch)
rating-machine operator

715.587 DIAMOND SIZER AND SORTER (clock & watch; jewelry)

715.684 HAIRSPRING INSPECTOR (clock & watch) II
WHEEL AND PINION INSPECTOR (clock & watch)

715.685 TORQUE TESTER (clock & watch)
mainspring-torque tester

715.687 BALANCE-BRIDGE INSPECTOR (clock & watch)
BALANCE-TRUING INSPECTOR (clock & watch)
CASE INSPECTOR (clock & watch)
watchcase inspector
DIAL INSPECTOR (clock & watch)
hands-and-dial inspector
FINAL INSPECTOR, MOVEMENT ASSEMBLY (clock & watch)
GAGER (clock & watch)
HAIRSPRING ADJUSTER (clock & watch)
INSPECTOR, CASING (clock & watch)
INSPECTOR, SOLDERING (clock & watch)
JEWEL GAGER (clock & watch)
Jewel-Diameter Gager (clock & watch)
Jewel-Hole Gager (clock & watch)
JEWEL INSPECTOR (clock & watch)
inspector, jewels
MOTION INSPECTOR (clock & watch)
SCREW INSPECTOR (clock & watch)
Screw Inspector, Face and Bevel (clock & watch)
TRANSFER INSPECTOR (clock & watch)

715.781 BANKING ADJUSTER (clock & watch)
escapement matcher
BARREL ASSEMBLER (clock & watch)
BARREL-BRIDGE ASSEMBLER (clock & watch)
CHRONOMETER ASSEMBLER (clock & watch)
CHRONOMETER-BALANCE-AND-HAIRSPRING ASSEMBLER (clock & watch)
DAMASCENER (clock & watch)
DIAL MAKER (clock & watch)
watch-dial maker
HAIRSPRING ASSEMBLER (clock & watch)
watch-hairspring assembler
PALLET-STONE INSERTER (clock & watch)
PALLET-STONE POSITIONER (clock & watch)
PEARLER (clock & watch) I
POLISHER (clock & watch)
POLISHER, GOLD WHEEL (clock & watch)
blocker and polisher, gold wheel
RAYER (clock & watch)
SCREWHEAD POLISHER (clock & watch) II
polisher, screwhead
TOOTH POLISHER (clock & watch)
leaf polisher
TRAINER (clock & watch)
UNDERTURNER (clock & watch)

715.884 BALANCE ASSEMBLER (clock & watch)
BALANCE-BRIDGE ASSEMBLER (clock & watch)
BALANCE TRUER (clock & watch)
BARREL FINISHER (clock & watch)
barrel-profile turner
finisher
BENCH HAND (clock & watch)
BEVELER (clock & watch)
BLOCKER (clock & watch)
blocker, polishing
BRUSHER (clock & watch)
BURNISHER, BALANCE WHEEL ARM (clock & watch)
BURRER (clock & watch)
burrer, hand
scraper burrer
CANNON-PINION ADJUSTER (clock & watch)
CAP-JEWEL PLATE ASSEMBLER (clock & watch)
CASER (clock & watch)
COLLET DRILLER (clock & watch)
COLLETER (clock & watch)
COUNTERSINKER (clock & watch)
co-sinker

715.884 Con. COUNTERSINKER, BALANCE SCREW HOLE (clock & watch)
CROWN ATTACHER (clock & watch)
CROWN-WHEEL ASSEMBLER (clock & watch)
CRYSTAL CUTTER (clock & watch)
CUTTER, V-GROOVE (clock & watch)
groove turner
DEBURRER (clock & watch)
deburrer, machine
DIALER (clock & watch)
DIAL REFINISHER (clock & watch)
watch-dial refinisher
DIAL-SCREW ASSEMBLER (clock & watch)
DRILLER AND BROACHER (clock & watch)
broacher and driller
END POLISHER (clock & watch)
pivot-end polisher
polisher, ends
FINER (clock & watch)
GRINDER (clock & watch) II
HAND FILER, BALANCE WHEEL (clock & watch)
filer, balance wheel
HANDS ASSEMBLER (clock & watch)
JEWEL GRINDER (clock & watch) II
grinder, outside diameter
JEWEL-HOLE CORNERER (clock & watch)
JEWEL-HOLE DRILLER (clock & watch)
LACQUERER (clock & watch)
MAINSPRING WINDER (clock & watch)
spring winder
Mainspring Reverse Winder (clock & watch)
MAINSPRING WINDER AND OILER (clock & watch)
mainspring-winding-machine operator
MECHANISM ASSEMBLER (clock & watch)
OILER (clock & watch)
OVERCOILER (clock & watch)
OVERCOIL STEPPER (clock & watch)
PALLET ASSEMBLER (clock & watch)
PALLET RECTIFIER (clock & watch)
PALLET-STONE GRINDER (clock & watch)
PEARLER (clock & watch) II
PIN INSERTER, REGULATOR (clock & watch)
regulator-pin inserter
PINION POLISHER (clock & watch)
Pivot Polisher (clock & watch)
PIVOTER (clock & watch)
POINTER-MACHINE OPERATOR (clock & watch)
pointer
POISER, BALANCE (clock & watch)
POLISHER, BALANCE SCREWHEAD (clock & watch)
screwhead polisher
POLISHER, DIAL (clock & watch)
Watch-Dial Stoner (clock & watch)
POLISHER, NUMERAL (clock & watch)
POLISHER, SCREWHEAD SIDES (clock & watch)
screwhead polisher
PRESS OPERATOR, PIERCE AND SHAVE (clock & watch)
PROFILER, HAND (clock & watch)
PUT-IN-BEAT ADJUSTER (clock & watch)
REAMER, CENTER HOLE (clock & watch)
center-hole reamer
ROUGH OPENER, JEWEL HOLE (clock & watch)
jewel-hole rough opener
SCREWMAKER, HAND LATHE (clock & watch)
SET-STAFF FITTER (clock & watch)
SOLDERER (clock & watch)
STAKER (clock & watch)
staking-machine operator
staking-press operator
Balance-Staff Staker (clock & watch)
Hairspring Staker (clock & watch)
Pin Inserter (clock & watch)
Pinion Staker (clock & watch)
Roller Staker (clock & watch)
JEWEL INSERTER (clock & watch)
JEWEL STAKER (clock & watch)
STONER (clock & watch)
STONER, HAND (clock & watch)
SURFACER (clock & watch)
surfacer, emery-paper
TAPPER (clock & watch) II
TAPPER, BALANCE-WHEEL SCREW HOLE (clock & watch)

715.884 Con. TRANSFERRER (clock & watch)
watch-dial printer
TUBING-MACHINE OPERATOR (clock & watch)
715.887 ASSEMBLER, FILLING (clock & watch)
BAND ATTACHER (clock & watch)
BARREL-CAP SETTER (clock & watch)
CLOCK ASSEMBLER (clock & watch)
CRYSTAL ATTACHER (clock & watch)
DIAL BRUSHER (clock & watch)
butler finisher
pumicer
DIAL PASTER (clock & watch)
DIAL RACKER (clock & watch)
DOGGER (clock & watch)
balance-staff inserter
DUSTPROOF ASSEMBLER (clock & watch)
FELT ASSEMBLER (clock & watch)
felt attacher
FILL LOADER (clock & watch)
FOOT STRAIGHTENER (clock & watch)
HAIRSPRING CUTTER (clock & watch) I
HAMMER ADJUSTER (clock & watch)
JEWEL-SETTING STRINGER (clock & watch)
JEWEL STRINGER (clock & watch)
MAINSPRING-BARREL-ASSEMBLY CLEANER (clock & watch)
MAINSPRING FORMER, ARBOR END (clock & watch)
MAINSPRING FORMER, BRACE END (clock & watch)
MASKER (clock & watch)
stopper-off
PAINTER, POINTER (clock & watch)
POINTER DIPPER (clock & watch)
POINTER MOUNTER (clock & watch)
SCRATCH BRUSHER (clock & watch)
SET-KEY DRIVER (clock & watch)
SIFTER (clock & watch)
SPRING LAYER (clock & watch)
STUDDER, HAIRSPRING (clock & watch)
TAKE-OFF OPERATOR (clock & watch)
parts remover
TOUCH-UP GIRL (clock & watch)
WASHER (clock & watch)
Block Cleaner (clock & watch)
WHEEL TRIMMER (clock & watch)
WINDER (clock & watch)
WIRE CUTTER, HAIRSPRING (clock & watch)
hairspring cutter

716. Occupations in Fabrication and Repair of Engineering and Scientific Instruments and Equipment, n.e.c.

This group includes occupations, not elsewhere classified, concerned with fabricating and repairing laboratory, scientific, and engineering apparatus, such as nautical, navigational, aeronautical, surveying, and drafting instruments.

716.884 ELECTRONIC-SENSING-EQUIPMENT ASSEMBLER (inst. & app.)

719. Occupations in Fabrication and Repair of Scientific and Medical Apparatus, Photographic and Optical Goods, Watches and Clocks, and Related Products, n.e.c.

This group includes occupations, not elsewhere classified, concerned with assembling, fabricating, and repairing scientific and medical apparatus, photographic and optical goods, watches and clocks and related products.

719.281 HEARING-AID REPAIRMAN (any ind.)
719.381 INSTRUMENT MAKER (optical goods)
instrument assembler
precision-lens mounter
719.781 TUBE-SHRINKING-MACHINE OPERATOR (inst. & app.)
719.884 ASSEMBLER, REGULATORS (inst. & app.)
PLATER (inst. & app.)
electroformer
SENSITIZER-AND-PRINTER (inst. & app.)
719.887 LABORER, PRODUCTION (inst. & app.)
Bellows Bundler (inst. & app.)
Bellows Coiler (inst. & app.)
Furnace Loader (inst. & app.)
Hydrometer Assembler (inst. & app.)
Hypodermic-Needle Assembler, Machine (inst. & app.)
Hypodermic-Needle Cleaner (inst. & app.)

719.887 Con. Painter, Radium Dial (inst. & app.)
OPTICAL-ELEMENT CLEANER (optical goods)
prism cleaner
lens cleaner
POLISHER (optical goods) I
lap polisher

72 OCCUPATIONS IN ASSEMBLY AND REPAIR OF ELECTRICAL EQUIPMENT

This division includes occupations concerned with assembling, fabricating, or repairing equipment, components, and parts for equipment to transmit, control, or convert electrical power; signaling and detection equipment, and home radios, television sets, and phonographs.

720. Occupations in Assembly and Repair of Radio and Television Receiving Sets and Phonographs

This group includes occupations concerned with assembling and repairing radio and television receivers, recorders, phonographs, and related items. Occupations concerned with sound recording and transcription are included in Group 194.

720.281 RADIO REPAIRMAN (any ind.)
trouble shooter, radio
Automobile Radio Man (any ind.)
Radio Repairman, Domestic (any ind.)
TAPE-RECORDER REPAIRMAN (any ind.)
TELEVISION SERVICE AND REPAIRMAN (any ind.)
television-and-radio repairman
television repairman
TELEVISION-SERVICE-AND-REPAIRMAN APPRENTICE (any ind.)
radio-television-repairman apprentice
television-repairman apprentice
television-and-radio-serviceman apprentice
720.387 GAGER, HAND (electronics)
Sample-Pellet Gager (electronics)
Wafer Gager (electronics)
QUALITY-CONTROL INSPECTOR (phonograph)
matrix inspector
mother tester
RECORD TESTER (phonograph)
720.684 TESTER, TELEVISION PICTURE TUBES (electronics)
characteristics tester
quality control tester
video-characteristics tester
720.687 INSPECTOR, MARKED REELS (electronics)
RECORD-CHANGER TESTER (phonograph)
TELEVISION-CHASSIS INSPECTOR (electronics)
chassis inspector
tester
720.884 ALINER (electronics)
testman
Radio-Chassis Aliner (electronics)
Television Aliner (electronics)
ASSEMBLY ADJUSTER (phonograph)
record-changer adjuster
CABINET MOUNTER (electronics)
final assembler
installer
mechanical assembler
mounter
stringer
Dial Mounter (electronics)
Speaker Mounter (electronics)
PHONOGRAPH-CARTRIDGE ASSEMBLER (phonograph)
cartridge assembler
PICTURE-TUBE INSTALLER (electronics)
picture-tube assembler
720.887 MATRIX-GROOVE ROLLER (phonograph)
RECORD CHANGER ASSEMBLER (phonograph)

721. Occupations in Assembly and Repair of Motors, Generators, and Related Products

This group includes occupations concerned with assembling and repairing electric motors, power generators, motor-generator sets, railway motors and control equipment; and motors, generators, and control equipment for gasoline-electric and oil-electric buses and trucks. Winding and assembling coils, magnets, armatures, and related components are included in Group 724.

721.131 ELECTRIC-MOTOR-REPAIRING FOREMAN (any ind.)
FOREMAN, ELECTRIC MOTOR TESTING (elec. equip.)
721.281 ELECTRIC-MOTOR ANALYST (any ind.)
tear-down man
ELECTRIC-MOTOR ASSEMBLER AND TESTER (any ind.)
motor assembler
ELECTRIC-MOTOR REPAIRMAN (any ind.)
electrician, electric-motor repair
electric-shop repairman
motor-generator repairman
Commutator Repairman (any ind.)
Dynamotor Repairman (any ind.)
Stator Repairman (any ind.)
AUTOMOTIVE - GENERATOR - AND - STARTER REPAIRMAN (auto. ser.)
Automotive-Generator Repairman (auto. ser.)
Automotive-Starter Repairman (auto. ser.)
PROPULSION-MOTOR-AND-GENERATOR REPAIRMAN (auto. ser.)
ELECTRIC-MOTOR REPAIRMAN (elec. equip.)
small-motor repairman
IGNITION SPECIALIST (air trans.)
ignition repairman
MAGNETO REPAIRMAN (any ind.)
TESTER, MOTORS AND CONTROLS (elec. equip.)
run-in-line set-up man
Transformer Tester (elec. equip.)
721.381 ELECTRIC-MOTOR-AND-GENERATOR ASSEMBLER (elec. equip.)
assembler-erector
motor-and-generator assembler
ELECTRIC-MOTOR-CONTROL ASSEMBLER (elec. equip.)
control-panel assembler
panelboard assembler
power-panel assembler
Synchro-Unit Assembler (elec. equip.)
Transmitter Assembler (elec. equip.)
Voltage-Regulator Assembler (elec. equip.)
ELECTRIC-MOTOR FITTER (loco. & car bldg. & rep.)
car repairman
motor assembler
motor overhauler
FINAL TESTER (elec. equip.)
GOVERNOR ASSEMBLER, HYDRAULIC (elec. equip.)
INSPECTOR, MOTORS AND GENERATORS (elec. equip.)
721.384 VIBROMETER-BLOCK TESTER (elec. equip.)
721.684 VENEER MATCHER (furn.)
721.884 ARMATURE-WINDER HELPER, REPAIR (any ind.)
ASSEMBLER, CARBON BRUSHES (elec. equip.)
brush maker
carbon-brush maker
motor-and-generator-brush cutter
COIL CONNECTOR (elec. equip.)
connector
Armature Connector (elec. equip.) I
Stator Connector (elec. equip.)
COIL-CONNECTOR REPAIRMAN (elec. equip.)
Armature-Connector Repairman (elec. equip.)
Stator-Connector Repairman (elec. equip.)
COMMUTATOR ASSEMBLER (elec. equip.)
commutator presser
regulator assembler
ELECTRIC-MOTOR ASSEMBLER (elec. equip.)
assembler
assembly hand
Assembler, Instrument Motors (elec. equip.)
Brush-Holder Assembler (elec. equip.)
Repairman, Electric Motors (elec. equip.)
ELECTRIC-MOTOR WINDER (elec. equip.)
armature and rotor winder
coil assembler
Armature Winder (elec. equip.)
Rotor Winder (elec. equip.)

721.884 Con.
Stator Winder (elec. equip.)
FIELD-RING ASSEMBLER (elec. equip.)
assembler, d.c. field ring
assembler, d.c. field yoke
SKEIN WINDER (elec. equip.)
SPIDER ASSEMBLER (elec. equip.)
assembler, caterpillar spider
revolving-field assembler
rotating-field assembler
INSULATION CUTTER AND FORMER (elec. equip.)
721.887 CLEANER AND PREPARER (elec. equip.)
MOTOR ASSEMBLER (agric. equip.)

722. Occupations in Assembly and Repair of Communications Equipment

This group includes occupations concerned with assembling and repairing wire and wireless telephone and telegraph equipment and parts, radio and television broadcasting equipment and parts, electronic field detection apparatus, light and heat emission operating apparatus, object detection apparatus and navigational electronic equipment, aircraft and missile control systems, electronic data-processing equipment, and electronic and electric communication and signaling products.

722.131 INSTRUMENT-SHOP SUPERVISOR (tel. & tel.)
instrument shop foreman
Communications-Equipment Foreman (tel. & tel.)
Telephone-Instrument Foreman (tel. & tel.)
Telegraphic-Instrument Foreman (tel. & tel.)
722.281 INSPECTOR, SYSTEMS (electronics)
inspector, electronic assembly
quality control inspector, electronic assembly
INSPECTOR, GUIDED MISSILES ELECTRONIC SYSTEMS (gov. ser.)
INSTRUMENT SHOPMAN (tel. & tel.)
shop repairman
722.381 ASSEMBLER (tel. & tel.)
assembler, equipment
assembler, works
wireman
INSTRUMENT INSPECTOR (aircraft mfg.)
inspector, instruments
Inspector, Electronic Instruments (aircraft mfg.)
722.884 WIREMAN (office mach.) II
722.887 SWITCHBOX ASSEMBLER (elec. equip.) I

723. Occupations in Assembly and Repair of Electrical Appliances and Fixtures

This group includes occupations concerned with small appliances, such as toasters, grills, mixers, and coffee makers; lighting fixtures; and cord sets, switches, sockets, and related products.

723.131 FOREMAN, APPLIANCE ASSEMBLY (elec. equip.)
foreman, assembly line
723.132 FOREMAN, FABRICATION DEPARTMENT (light. fix.)
723.381 ELECTRICAL-APPLIANCE REPAIRMAN (any ind.)
appliance-service representative
small-appliance repairman
MODEL MAKER, FLUORESCENT LIGHTING (light. fix.)
VACUUM-CLEANER REPAIRMAN (any ind.)
723.387 REFRIGERATOR INSPECTOR (refrigerat. equip.)
723.687 CHECKER, HAIR DRIERS (elec. equip.)
TESTER AND INSPECTOR, LAMPS (light. fix.)
TOASTER TESTER (elec. equip.)
723.884 APPLIANCE REPAIRMAN (elec. equip.)
repairman
Electric-Frying-Pan Repairman (elec. equip.)
Food-Mixer Repairman (elec. equip.)
Heating-Element Repairer (elec. equip.)
Toaster-Element Repairer (elec. equip.)
Vacuum-Cleaner Repairman (elec. equip.)
ASSEMBLER (elec. equip.) I
Deep-Fryer Assembler (elec. equip.)
Electric-Fan Assembler (elec. equip.)
Electric-Heater Assembler (elec. equip.)

723.884 Con.
Food-Mixer Assembler (elec. equip.)
Steam-Iron Assembler (elec. equip.)
ASSEMBLER (light. fix.) I
lamp wirer
Assembler, Flourescent Lights (light. fix.)
Assembler, Incandescent Lights (light. fix.)
ASSEMBLER, CARBIDE-LAMP (light. fix.)
ASSEMBLER (light. fix.) II
ASSEMBLER, LINE (elec. equip.)
Clothes-Drier Assembler (elec. equip.)
Electric-Range Assembler (elec. equip.)
Washing-Machine Assembler (elec. equip.)
FLASHER ADJUSTER (light. fix.)
723.887 HEATING-ELEMENT WINDER (elec. equip.)
PATCHER (elec. equip.)
WIPER (light. fix.)
WIRE CUTTER (light. fix)

724. Occupations in Winding and Assembling Coils, Magnets, Armatures, and Related Products

This group includes occupations concerned with cutting, winding, taping, forming, stripping, connecting, and soldering wire to fabricate, assemble, and repair coils, magnets, armatures, and related products.

724.130 WINDING FOREMAN (electronics)
foreman, multiple winding
724.131 FOREMAN, COIL AND ARMATURE INSPECTION (elec. equip.)
armature-and-field-finishing foreman
inspection foreman
TRANSFORMER-SHOP FOREMAN (any ind.)
724.134 FOREMAN, LAMINATING (electronics)
foreman, stacking
724.281 TRANSFORMER TESTER (light, heat, & power)
724.381 ADJUSTER, ELECTRICAL CONTACTS (elec. equip.)
Crossbar-Switch Adjuster (elec. equip.)
Relay Adjuster (elec. equip.)
Relay Checker (elec. equip.)
Starter Adjuster (elec. equip.)
Wire-Spring-Relay Adjuster (elec. equip.)
COIL-UNIT BUILDER, EXPERIMENTAL (electronics)
TRANSFORMER REPAIRMAN (any ind.)
transformer assembler
transformer rebuilder
724.384 ARMATURE TESTER (elec. equip.) I
tester, armature or fields
WINDING INSPECTOR AND TESTER (elec. equip.)
Armature Tester (elec. equip.) II
Inspector and Shaper, End Windings (elec. equip.)
Stator Tester (elec. equip.)
724.685 WELD INSPECTOR (elec. equip.)
724.781 COIL WINDER (elec. equip.) I
COIL WINDER, REPAIR (any ind.)
Field-Coil Winder (any ind.)
TRANSFORMER-COIL WINDER (light, heat, & power)
TRANSFORMER MAN (elec. equip.)
WIRE COILER (elec. equip.)
724.884 ARMATURE BANDER (any ind.)
rotor-and-armature bander
ARMATURE CONNECTOR (elec. equip.) II
Primary Connector, Armature (elec. equip.)
Secondary Connector, Armature (elec. equip.)
ARMATURE STRAIGHTENER (elec. equip.)
ARMATURE WINDER, REPAIR (any ind.)
armature repairman
Armature Winder, Automotive (auto. ser.)
COIL FORMER, TEMPLATE (elec. equip.)
Bender, Armature Coil (elec. equip.)
Flat-Armature-Coil Winder, Hand (elec. equip.)
Former, Armature Coil (elec. equip.)
Former, Rotor Coil (elec. equip.)
COIL SHAPER (any ind.)
coil spreader
COIL TAPER, HAND (elec. equip.)
insulation wrapper
taper, hand

724.884 Con.
taping assembler
Armature-Coil Taper (elec. equip.)
Field-Coil Taper (elec. equip.)
Rotor-Coil Taper (elec. equip.)
Stator-Coil Taper (elec. equip.)
COIL TAPER, MACHINE (elec. equip.)
machine taper
taper coil, machine
COIL WINDER (elec. equip.) II
coil winder, mush type
coil winder, random
spindle-machine operator
Armature-Coil Winder (elec. equip.)
Field-Coil Winder (elec. equip.) II
Rotor-Coil Winder (elec. equip.)
Stator-Coil Winder (elec. equip.)
Toroidal-Coil Winder (elec. equip.)
Transformer-Coil Winder (elec. equip.)
COIL WINDER, OPEN SLOT (elec. equip.)
Field-Coil Winder (elec. equip.) I
Intercoil Winder (elec. equip.)
Interpole Winder (elec. equip.)
Spider-Coil Winder (elec. equip.)
COIL WINDER, AUTOMATIC (elec. equip.)
Helix-Coil Winder (elec. equip.)
COIL WINDER, HAND (electronics)
Resistor Winder, Hand (electronics)
COIL WINDER, STRAP (elec. equip.)
ELEMENT WINDER (inst. & app.)
machine winder
FIELD-COIL REPAIRMAN (elec. equip.)
field-assembly repairman
HEADER-AND-CHOPPER ASSEMBLER (electronics)
Coil-Form Assembler (electronics)
Material Cutter (electronics)
Stacking Assembler (electronics)
LAMINATOR (electronics)
ironer, E-laminations
plate stacker
stacker
MAGNET-VALVE ASSEMBLER (elec. equip.)
MOTOR-AND-GENERATOR-BRUSH MAKER (elec. equip.)
wire-brush maker
STATIC BALANCER (any ind.)
Armature Balancer (elec. equip.)
Fan Balancer (elec. equip.)
Rotor Balancer (elec. equip.)
TRANSFORMER ASSEMBLER, SPECIALTY (elec. equip.)
Hypercil-Core-Transformer Assembler (elec. equip.)
UNIVERSAL-WINDING-MACHINE OPERATOR (elec. equip.; electronics)
coil winder
dual lateral winder
flyback winder
Audio-Coil Winder (electronics)
Bobbin-Coil Winder (electronics)
Filament-Coil Winder (electronics)
Multiple-Coil Winder (electronics)
Transformer-Coil Winder (electronics)

724.887 BURNER (elec. equip.)
armature-lead burner
lead burner
COIL FINISHER (elec. equip.; electronics)
finisher
Coil Wrapper (electronics)
Field-Coil Assembler (elec. equip.; electronics)
Lead Assembler (electronics)
Thread Burner (electronics)
Wax Burner (electronics)
Wire Clipper (electronics)
Wire Sander (electronics)
COIL FORMER AND PRESSER (elec. equip.)
Armature-Winding Former (elec. equip.)
Field-and-Yoke Assembler (elec. equip.)
COMMUTATOR-V-RING ASSEMBLER (elec. equip.)
swedger
DIE CASTER (electronics)
INSULATOR (elec. equip.)
armature stuffer
insulated-coil liner

724.887 Con.
preinsulator, core
Hautau Operator (elec. equip.)
LACER AND TIER (elec. equip.)
RESISTOR-LEAD-WIRE ASSEMBLER (electronics)
bobbin assembler
SLOT WEDGER (elec. equip.)
armature slipper
slipper

725. Occupations in Assembly of Light Bulbs and Electronic Tubes

This group includes occupations concerned with fabricating and assembling filaments, grids, plates. masks, guns, and other parts and inserting them into bulbs to complete electron tubes and light bulbs.

725.131 FOREMAN, TRANSMITTING TUBES (electronics)
725.484 GRID INSPECTOR (electronics)
TUBE TESTER (electronics)
characteristics tester
quality tester
rating-laboratory tester
Noise Tester (electronics)
725.487 QUALITY-CONTROL INSPECTOR (elec. equip.)
725.584 MASK INSERTER AND INSPECTOR (electronics)
725.587 LEAK DETECTOR (electronics)
725.684 COILED-COIL INSPECTOR (elec. equip.)
QUALITY INSPECTOR (electronics)
725.687 BEAD INSPECTOR (elec. equip.)
COILER (elec. equip.)
725.884 AGER (electronics)
tube-ager operator
BULB-PUNCH-OUT-MACHINE OPERATOR (electronics)
EXHAUST OPERATOR (electronics)
exhauster
exhauster-machine operator
finishing operator
oven operator
Rotary-Pump Operator (electronics)
GRID OPERATOR (electronics)
MOUNTER, HAND (elec. equip.)
STEM-MOUNTING-MACHINE OPERATOR (elec. equip.) I
TUBE ASSEMBLER (electronics)
final assembler
TUBE-COMPONENT ASSEMBLER (electronics)
tube subassembler
725.887 BASE FILLER, HAND (electronics)
BULB ASSEMBLER, COLOR TELEVISION PICTURE TUBES (electronics)
lehr loader
FLARE BEADER (electronics)
FOCUSER (elec. equip.)
GETTERER (elec. equip.) I
GRID TRIMMER (electronics)
grid unwinder
GUN ASSEMBLER (electronics)
Beader Operator (electronics)
Grid Loader (electronics)
Support Welder (electronics)
STRIPER (elec. equip.)
TUBE FINISHER (electronics)
TUBE LAMINATOR (electronics)
tender, tube laminating equipment
Inspector, Laminated Tubes (electronics)
Resin Dispenser (electronics)
Taping-Machine Tender (electronics)

726. Occupations in Assembly and Repair of Electronic Components and Accessories, n.e.c.

This group includes occupations, not elsewhere classified, concerned with fabricating resistors, inductors, transformers, capacitors, crystals, diodes, semiconductors (solid state), potentiometers and controls, printed circuitry, harness, and similar products for electronic end products, and assembling and repairing accessories, such as speakers, antennas, and related items.

726.130 FOREMAN, ELECTRONIC ASSEMBLIES (electronics)
Radar-Equipment Foreman (electronics)
FOREMAN, WIRE-COIL COMPONENTS (electronics)

726.130 Con.
PRINTED-CIRCUIT-BOARD FOREMAN (electronics)
SEMICONDUCTOR-ASSEMBLY FOREMAN (electronics)
Low-Power-Line Supervisor (electronics)
Medium-Power-Line Supervisor (electronics)
SUPERVISOR, CAPACITORS (electronics)
TESTING SUPERVISOR (electronics)
supervisor, testing
726.131 ELECTRONIC-COMPUTER-SUBASSEMBLY FOREMAN (office mach.)
FOREMAN, TELEVISION-PICTURE TUBE MOUNTS (electronics)
mount foreman
unit manager, mount department
726.281 ELECTRICIAN, RESEARCH (aircraft mfg.)
electrician, experimental aircraft
ELECTRONICS ASSEMBLER, DEVELOPMENTAL (electronics)
assembler and wireman, special equipment
electrical mechanic
electronic assembler, prototype
electronic rework assembler
equipment wireman and assembler, special
wireman
Radio-Equipment Assembler, Special (electronics)
ELECTRONICS TECHNICIAN, AUTOMATED PROCESS (electronics)
ENGINEERING-DEVELOPMENT TECHNICIAN (aircraft mfg.)
726.381 GENERAL ASSEMBLER (electronics)
X-RAY OPERATOR, QUARTZ CRYSTALS (electronics)
Crystal Orienter, X-Ray (electronics)
726.384 CALIBRATOR, RESISTORS (electronics)
INSPECTOR, FINISHING (electronics)
INSPECTOR, PRINTED CIRCUIT BOARDS (electronics)
board inspector
circuit-board inspector
inspector, etched circuitry
INSPECTOR, SUBASSEMBLIES (electronics)
in-process inspector
line inspector
quality-control inspector, subassembly
Check Inspector (electronics)
726.387 GREEN INSPECTOR (elec. equip.)
Impregnation Inspector (elec. equip.)
726.687 INSPECTOR, COMPONENTS (electronics)
checker
final inspector
inspector, component parts
inspector, visual
line inspector
Capacitor Inspector (electronics)
Coil Inspector (electronics)
Filament-Stem Inspector (electronics)
Grid Gager (electronics)
Transformer Inspector (electronics)
Wire-Wound-Resistor Inspector (electronics)
TESTER, ELECTRONIC COMPONENTS (electronics)
electric tester
production tester
quality-control tester
testing-machine operator
Coil Tester (electronics)
Crystal-Unit Inspector (electronics)
Final Tester, Diodes (electronics)
Variable-Condenser Tester (electronics)
726.781 ELECTRONICS ASSEMBLER (electronics)
bench assembler
electromechanical assembler
electronic-unit assembler
utility operator
wireman
Photophone Assembler (electronics)
Radio-Transmitter Assembler (electronics)
726.884 ANTENNA ASSEMBLER (electronics)

726.884 Con. AUDIMETER INSTALLER AND SERVICEMAN (bus. ser.)
CABLE MAKER (elec. equip.: electronics)
assembler, wire harness
cable assembler
harness maker
wire-harness maker
CAPACITOR ASSEMBLER (electronics)
condenser assembler
shell-and-cement operator
Ceramic-Capacitor Assembler (electronics)
Clamp Assembler (electronics)
Lead Solderer (electronics)
Mica-Capacitor Assembler (electronics)
Sealer (electronics) I
Spinner (electronics)
Tantalum-Capacitor Assembler (electronics)
Terminal Assembler (electronics)
CAPACITOR ASSEMBLER, VARIABLE (electronics) II
assembler, tabular variable capacitors
Capacitor-Rotor Assembler (electronics) II
Capacitor-Stator Assembler (electronics) II
CAPACITOR-PACK-PRESS OPERATOR (elec. equip.)
pack-press operator
CAPACITOR WINDER (electronics)
condenser winder
paper-condenser winder
winding-machine operator, automatic
Capacitor Winder, Electrolytic (electronics)
CONDENSER ALINER (electronics)
CRYSTAL FINISHER (electronics)
CRYSTAL GROWER (electronics)
pulling-furnace operator
Germanium Processor (electronics)
Ingot Processor (electronics)
CRYSTAL LAPPER (electronics)
lapper
lapping-machine operator
material finisher
Crystal Grinder, Finished (electronics)
Crystal Grinder, Rough (electronics)
CRYSTAL-UNIT ASSEMBLER (electronics)
crystal assembler
finisher
quartz-crystal-oscillator assembler
DIFFUSION-FURNACE OPERATOR (electronics)
diffusion operator
ELECTRONICS ASSEMBLER (inst. & app.)
ELECTRONIC-SCALE SUBASSEMBLER (bal. & scales)
FILTER ASSEMBLER (electronics)
FORMATION MAN (electronics)
GRID ASSEMBLER (electronics)
bench welder
subassembler, grid
Connector-Strap Assembler (electronics)
Corrector-Pole-Grid Assembler (electronics)
Strap-Grid Assembler (electronics)
MODULE ASSEMBLER (electronics)
assembler, microelectronics
assembler, special assemblies
Hearing-Aid Assembler (electronics)
PHOTORESIST PRINTER (electronics)
POTENTIOMETER ASSEMBLER (electronics)
PRINTED-CIRCUIT ASSEMBLER (electronics)
assembler, detail
SEMICONDUCTOR ASSEMBLER (electronics)
Boat Loader (electronics)
Body Fuser (electronics)
Cap Welder (electronics)
Crimping-Machine Operator (electronics) II
Crystal Mounter (electronics)
Dice Orienter (electronics)
Lead Welder (electronics)
Seam Welder (electronics)
Whisker Kinker (electronics)

726.884 Con. SPEAKER ASSEMBLER (electronics)
Cone Assembler (electronics)
Felts Assembler (electronics)
Loudspeaker Test Man (electronics)
Voice-Coil Assembler (electronics)
TRANSFORMER ASSEMBLER (electronics)
sheller
VACUUM-EVAPORATION OPERATOR (electronics)
metalizer, vacuum-deposition operator
726.887 CAPACITOR ASSEMBLER, VARIABLE (electronics) I
Capacitor-Rotor Assembler (electronics)
Capacitor-Stator Assembler (electronics)
CLEANER (electronics)
module cleaner
CONVEYOR-LINE WORKER, TELEVISION PICTURE TUBES (electronics)
television-picture tube processor
Aluminizing Inspector (electronics)
Baser (electronics)
Base Solderer (electronics)
Dag Inspector (electronics)
Mount Scrubber (electronics)
Screener (electronics)
Screen Inspector (electronics)
ENCAPSULATOR (elec. equip.; electronics)
sealer
tanker
Compound Mixer (elec. equip.; electronics)
Dipper (elec. equip.; electronics)
Filler (elec. equip.; electronics)
METAL-BASE RECLAIMER (electronics)
Desolderer (electronics)
Mount Remover (electronics)
Pin Buffer and Inspector (electronics)
MOUNTER (electronics) I
mount-parts assembler
tube mounter
Cage-and-Dome-Pad Assembler (electronics)
Cathode-Tab Welder (electronics)
Getter Welder (electronics)
Heater Loader (electronics)
Partial Stemmer (electronics)
PLUG-WIRING-MACHINE OPERATOR (elec. equip.)
RECTIFIER PLATE CHARGER (electronics)
SILK-SCREEN PRINTER (electronics)
ceramic metalizing operator
printer
screen printer
squeegee operator
TRIMMER (electronics)
peeler
tear-back girl

727. **Occupations in Assembly of Storage Batteries**
This group includes occupations concerned with assembly of grids, plates, separators, and connectors to form wet- and dry-cell batteries, and filling with electrolyte.

727.130 FOREMAN, BURNING, FORMING, AND ASSEMBLY (elec. equip.)
Foreman, Battery Assembly (elec. equip.)
Foreman, Lead Burning (elec. equip.)
Foreman, Plate Forming (elec. equip.)
727.137 FOREMAN, DRY-CELL ASSEMBLY (elec. equip.)
727.381 BATTERY REPAIRMAN (any ind.)
battery-maintenance man
batteryman
battery tester
chargeman
electrician, storage battery
storage-battery charger
DRY-CELL TESTER (elec. equip.)
LABORATORY MAN, STORAGE BATTERY (elec. equip.)
battery analyst
quality auditor
test technician

727.384 BATTERY TESTER (elec. equip.)
electrical tester, battery
Battery Tester, Field (elec. equip.)
727.585 PLATE-SLITTER AND INSPECTOR (elec. equip.)
727.687 ALUMINUM-CONTAINER TESTER (elec. equip.)
battery-container tester, aluminum
ELECTRIC-CONTAINER TESTER (elec. equip.)
di-electric-testing-machine operator
FINAL INSPECTOR (elec. equip.) II
polarity tester
INSPECTOR (elec. equip.) II
INSPECTOR, CONTAINER FINISHING (elec. equip.)
battery-container inspector
MOLDED-PARTS INSPECTOR (elec. equip.)
molded-grid-and-parts inspector
SPARK TESTER (elec. equip.)
727.781 BATTERY RECHARGER (elec. equip.)
727.884 ACID ADJUSTER (elec. equip.)
balancer
BATTERY ASSEMBLER (elec. equip.)
BATTERY-ASSEMBLER, MOTORCYCLE (elec. equip.)
motorcycle-battery assembler
BATTERY ASSEMBLER, PLASTIC (elec. equip.)
CELL REPAIRMAN (elec. equip.)
battery tester and repairman
LEAD BURNER (elec. equip.) I
ELEMENT BURNER (elec. equip.)
assembler-and-lead burner
lead burner and assembler
INTERCELL-CONNECTOR BURNER (elec. equip.)
top-connector burner
PLATE ASSEMBLER, SMALL BATTERY (elec. equip.)
bench assembler, battery
SEALER (elec. equip.) I
flamer-sealer
727.887 ACID DUMPER (elec. equip.)
acid changer
forming acid dumper
ACID FILLER (elec. equip.)
Acid Leveler (elec. equip.)
ASSEMBLER, DRY CELL AND BATTERY (elec. equip.)
Core Dropper (elec. equip.)
Wire Bender (elec. equip.)
BATTERY CHARGER (elec. equip.)
charger
BATTERY CHARGER, CONVEYOR LINE (elec. equip.)
Charging-Plug Placer (elec. equip.)
BATTERY-CONTAINER-FINISHING HAND (elec. equip.)
container finisher
BATTERY-PARTS ASSEMBLER (elec. equip.)
Battery-Vent-Plug Inserter (elec. equip.)
Element Setter (elec. equip.)
Separator Inserter (elec. equip.)
BATTERY STACKER (elec. equip.)
battery loader
BOX-SALVAGE MAN (elec. equip.)
battery-container cleaner
CELL-COVER PLACER (elec. equip.)
CELL TUBER, HAND (elec. equip.)
FORMING-PROCESS-LINE WORKER (elec. equip.)
Lug-Breaker and Wire-Puller (elec. equip.)
Plate-Put-In Man (elec. equip.)
Plate Washer (elec. equip.)
Tank Cleaner (elec. equip.)
LEAD-BURNER HELPER (elec. equip.)
Intercell-Connector Placer (elec. equip.)
Post-Form Remover (elec. equip.)
Rack Loader (elec. equip.)
LEAD-CASTER HELPER (elec. equip.)
Casting Inspector (elec. equip.)
Grid Inspector (elec. equip.)
Lead-Supply Man (elec. equip.)
TAKE-OFF MAN (elec. equip.)
WAFER-LINE WORKER (elec. equip.)
wafer-cell-battery assembler

728. **Occupations in Fabrication of Electrical Wire and Cable**
This group includes occupations concerned with fabrication of bare, insulated, shielded

enameled, or waxed electrical conductors made from purchased wire.

728.281 CABLE-LAY-OUT MAN (elec. equip.)

728.884 ASSEMBLER, ELECTRICAL WIRE GROUP (aircraft mfg.)
bench assembler, electrical
electrical assembler
precision-electrical assembler
wire former

ELECTRICAL-LINE SPLICER (petrol. production)
cable splicer

SPARK TESTER (elec. equip.; insulated wire)
sparker and patcher
test boy

728.887 WIREWORKER (electronics)
assembly-preparation worker
electronics subassembler
pre-assembler

729. Occupations in Assembly and Repair of Electrical Equipment, n.e.c.

This group includes occupations, not elsewhere classified, concerned with assembling, fabricating, or repairing electrical equipment.

729.131 INSPECTOR, CHIEF (elec. equip.)

RELAY-SHOP FOREMAN (light, heat, & power)
chief, relay man
lead relay tester

SALVAGE SUPERVISOR (light, heat, & power)

729.138 ASSEMBLY-LINE FOREMAN (any ind.)
line foreman

729.281 AUDIO-VIDEO REPAIRMAN (any ind.)
audiovisual-aids technician

ELECTRICAL-INSTURMENT REPAIRMAN (any ind.)
instrument maker
instrument repairman

DYNAMOMETER REPAIRMAN (elec. equip.)
service engineer

ELECTRIC-METER REPAIRMAN (ligbt, heat, & power)
meterman, electric
meter repairman

ELECTRIC-METER-REPAIRMAN APPRENTICE (ligbt, heat, & power)
meter-repairman apprentice

ELECTRIC-TOOL REPAIRMAN (any ind.)
power-tool repairman

ELECTROMEDICAL-EQUIPMENT REPAIRMAN (any ind.)
electromedical service engineer
Diatbermy-Equipment Repairman (any ind.)
Electrocardiograpb Repairman (any ind.)

INSIDE METERMAN (ligbt, heat, & power)
electric-meter tester, shop
inside tester

INSTRUMENT MAKER (elec. equip.; electronics)
Electromechanical Assembler (electronics) I

RELAY TESTER (light, heat, & power)
network-relay tester
relay-sbop tester

SALVAGE REPAIRMAN (ligbt, beat, & power) I

WIREMAN (office macb.) I

X-RAY-EQUIPMENT TESTER (any ind.)
X-ray consultant
X-ray-equipment serviceman
X-ray service engineer

729.381 ELECTRICAL-EQUIPMENT TESTER (aircraft mfg.)
inspector, precision and electrical assemblies
tester, electrical accessories

PIN-GAME-MACHINE INSPECTOR (coin mach.)

PRINTED-CIRCUIT TECHNICIAN (electronics)
printed-circuit fabricator

PRODUCTION REPAIRMAN (electronics)
parts changer
repair-and-rework man
rework operator
Radio Repairman (electronics)

STREET-LIGHT REPAIRMAN (light, beat, & power) I

TESTER, SYSTEMS (electronics)
electronic-systems tester
electronic-test technician
master tester

729.381 Con.
quality-control assembly test technician
trouble sbooter, computer systems
Calibration Tester (electronics)
Continuity Tester (electronics)
Electrical Tester (electronics)
Memory-Unit Test Technician (electronics)
Television-Receiver Analyzer (electronics)
Transmitter Tester (electronics)
Trouble Sbooter (electronics)

WIREMAN, CABLE (elec. equip.)
cable wireman
Crossbar-Frame Wireman (elec. equip.)
Crossbar-Unit Wireman (elec. equip.)
Switcbboard Assembler (elec. equip.)

729.384 WINDING INSPECTOR (elec. equip.)
Brusb-Holder Inspector (elec. equip.)
Commutator Inspector (elec. equip.)
Shaft Inspector (elec. equip.)

729.387 DE-ICER INSPECTOR, ELECTRIC (rubber goods)
electric de-icer inspector
ice-guard inspector

DE-ICER TESTER (rubber goods)
final inspector and tester
ice-guard tester

FINISHING INSPECTOR (elec. equip.)
final inspector

INSPECTOR (elec. equip.) I
Appliance Inspector (elec. equip.)
Appliance Tcster (elec. equip.)

INSULATOR TESTER (ligbt, beat, & power)

729.684 BATTERY-CHARGER TESTER, HIGH RATE (elec. equip.)

TESTER, ELECTRICAL CONTINUITY (elec. equip.)
Armature Tester (elec. equip.) II
Coil Tester (elec. equip.)
Commutator Tester (elec. equip.)
Electric-Switch Tester (elec. equip.)
Light-Bulb Tester (elec. equip.)
Resistor Tester (elec. equip.)

729.884 ASSEMBLER, ELECTRICAL ACCESSORIES (elec. equip.) II
Galvanometer Assembler (elec. equip.)

CAPACITOR ASSEMBLER (elec. equip.)
CAPACITOR REPAIRMAN (elec. equip.)

CHASSIS ASSEMBLER (electronics)
chassis-line operator
chassis mounter
crimper and solderer
installer
solderer and crimper
subassembler
wireman
Coil Mounter (electronics)
Electronic Assembler, Radio and Television (electronics)
Instrument-Installation Assembler (electronics)
Socket Assembler (electronics)
Transformer Mounter (electronics)
Tube-cover Mounter (electronics)
Tube Mounter (electronics) I
Volume-Control Mounter (electronics)

DIAL MARKER (elec. equip.)

ELECTRICAL-CONTROL ASSEMBLER (elec. equip.)
Assembler, Communications Equipment (elec. equip.)
Jack-Strip Assembler (elec. equip.)
Relay Assembler (elec. equip.)
Rheostat Assembler (elec. equip.)
Speaking-Unit Assembler (elec. equip.)
Switchbox Assembler (elec. equip.) II
Telepbone-Diapbragm Assembler (elec. equip.)

ELECTRICIAN HELPER, AUTOMOTIVE (auto .ser.)
ignition-repairman helper

ELECTRIC-SIGN ASSEMBLER (signs)

FARE-REGISTER REPAIRMAN (motor trans.)

LAMINATION STACKER (elec. equip.)
lamination assembler
stacker
stacking assembler
Commutator Stacker (elec. equip.)
Pole-Shoe Assembler (elec. equip.)
Rotor-Core Assembler (elec. equip.)

729.884 Con.
Stator-Core Assembler (elec. equip.)
Transformer-Core Assembler (elec. equip.)

MOLD OPERATOR (elec. equip.)
assembler-insulator
Plaster-of-Paris Molder (elec. equip.)
Transformer Molder (elec. equip.)

REPAIRMAN, SWITCHGEAR (elec. equip.)
Crossbar-Switch Repairman (elec. equip.)
Relay Repairman (elec. equip.)
Telepbone-Switch Repairman (elec. equip.)

SALVAGE REPAIRMAN (light, heat, & power) II

SPARK-PLUG ASSEMBLHR (elec. equip.)

TEST-DEPARTMENT HELPER (elec. equip.)

729.887 ASSEMBLER, ELECTRICAL ACCESSORIES (elec. equip.) I
assembler
contact assembler
switch-board contact assembler
Contact-Finger Assembler (elec. equip.)
Plug Assembler (elec. equip.)
Pull-Socket Assembler (elec. equip.)
Push-Button-Switch Assembler (elec. equip.)
Terminal-Block Assembler (elec. equip.)
Tumbler-Switch Assembler (elec. equip.)

BUILT-UP WASHER MAN (minerals & earths)

ELECTRODE CLEANER (elec. equip.)

LAMINATION SPINNER (elec. equip.)
lamination inspector
rotor-lamination inspector
spinner, iron

PLATE STACKER, HAND (elec. equip.)
grouper
stacker

SALVAGE MAN (light, heat, & power)

73 OCCUPATIONS IN FABRICATION AND REPAIR OF PRODUCTS MADE FROM ASSORTED MATERIALS

This division includes occupations concerned with shaping, fitting, trimming, assembling, joining, finishing, and repairing products made from combinations of sucb materials as metal, wood, plastics, rubber, fabric, and paper.

730. Occupations in Fabrication and Repair of Musical Instruments and Parts

This group includes occupations concerned with fabricating and repairing wind, string, and percussion musical instruments, includlng pianos and electric or electronic organs. Includes tuning.

730.137 FOREMAN (musical inst.)

730.281 ACCORDION MAKER (musical inst.)
Bass-Mechanism Man (musical inst.)
Bellows Maker (musical inst.)
Box Maker (musical inst.)
Finisher, Accordion (musical inst.)

ACCORDION REPAIRMAN (any ind.)

ELECTRIC-ORGAN INSPECTOR AND REPAIRMAN (musical inst.)

FRETTED-INSTRUMENT MAKER, HAND (musical inst.)
Guitar Maker, Hand (musical inst.)

FRETTED-INSTRUMENT REPAIRMAN (any ind.)
Guitar Repairman (any ind.)

HARP MAKER (musical inst.)
Harp Repairman (any ind.)

HARPSICHORD MAKER (musical inst.)

MUSICAL-INSTRUMENT REPAIRMAN (any ind.)
musical-instrument serviceman

MUSICAL-INSTRUMENT-REPAIRMAN APPRENTICE (any ind.)

PIANO TECHNICIAN (any ind.)

PIPE-ORGAN BUILDER (musical inst.)

VIOLIN MAKER, HAND (musical inst.)
Violin Restorer (musical inst.)

VIOLIN REPAIRMAN (any ind.)
Bass-Viol Repairman (any ind.)
Bow Repairman (any ind.)

WIND-INSTRUMENT REPAIRMAN (any ind.)
Brass-Wind-Instrument Repairman (any ind.)
Woodwind-Instrument Repairman (any ind.)

730.381 ACCORDION TUNER (any ind.)
BELL MAKER (musical inst.)
Bell Maker, Sousaphones (musical inst.)
BRASS-WIND-INSTRUMENT MAKER (musical inst.)
assembler
band-instrument maker
Saxophone Assembler (musical inst.)
ELECTRIC-ORGAN ASSEMBLER AND CHECKER (musical inst.)
HAND CARVER (musical inst.)
HARP-ACTION ASSEMBLER (musical inst.)
HARP REGULATOR (musical inst.)
METAL-REED TUNER (any ind.)
ORGAN-PIPE VOICER (musical inst.)
voicer
Organ-Pipe Finisher (musical inst.)
PERCUSSION-INSTRUMENT REPAIRMAN (any ind.)
PIANO TUNER (any ind.)
piano-tuner technician
tuner
PIPE-ORGAN INSTALLER (musical inst.)
organ installer
PIPE-ORGAN TUNER AND REPAIRMAN (any ind.)
TUNER, PERCUSSION (musical inst.)
Harmonic Tuner (musical inst.)
Octave Tuner (musical inst.)

730.387 FINAL INSPECTOR (musical inst.)

730.684 ACTION INSPECTOR (musical inst.)
CHIP TUNER (musical inst.)
chipper
FRETTED-INSTRUMENT INSPECTOR (musical inst.)
INSPECTOR, WOODWIND INSTRUMENTS (musical inst.)
TESTER (musical inst.)

730.781 BELLYMAN (musical inst.)
Bridge Notcher (musical inst.)
Pinner (musical inst.)
Sound-Board Assembler (musical inst.)
MOUTHPIECE MAKER (musical inst.)
PIANO-ACTION REGULATOR (musical inst.)
adjuster, piano action
PISTON MAKER (musical inst.)
TROMBONE-SLIDE ASSEMBLER (musical inst.)

730.884 ACTION FINISHER (musical inst.)
ASSEMBLER, PIANO (musical inst.)
Action Assembler (musical inst.)
Action Installer (musical inst.)
Hammer Preparer (musical inst.)
Key Fitter (musical inst.) II
Pedal-Board Assembler (musical inst.)
BELL-NECK HAMMERER (musical inst.)
folder-and-notcher
BOW REHAIRER (any ind.)
CONSOLE ASSEMBLER (musical inst.)
FINAL ASSEMBLER, BRASS-WIND INSTRUMENTS (musical inst.)
KEYBOARD-ACTION ASSEMBLER (musical inst.)
KEY REPAIRMAN (musical inst.)
KNOBBER (musical inst.)
MANUAL WINDER (musical inst.)
MOUNTER, BRASS-WIND INSTRUMENTS (musical inst.)
Mounter, Sousaphones (musical inst.)
Mounter, Trombones (musical inst.)
Mounter, Trumpets and Cornets (musical inst.)
MOUNTER, KEYED INSTRUMENTS (musical inst.)
adjuster
key fitter
Mounter, Clarinets (musical inst.)
Mounter, Flutes-and-Piccolos (musical inst.)
Mounter, Saxophones (musical inst.)
MUSICAL-STRING MAKER (musical inst.)
PIANO STRINGER (musical inst.)
PREASSEMBLER AND INSPECTOR (musical inst.)
RACKER, OCTAVE BOARD (musical inst.)
RIM BENDER (musical inst.)
SANDER-AND-BUFFER (musical inst.)
SEAM HAMMERER (musical inst.)
SHEET-METAL-CUT-OUT MAN (musical inst.)
SLIDING-JOINT MAKER (musical inst.)

730.884 Con. SOCKET PULLER (musical inst.)
body maker
STOPBOARD ASSEMBLER (musical inst.)
STRINGED-INSTRUMENT ASSEMBLER (musical inst.)
musical-instrument assembler
Bridge Fitter (musical inst.)
Fret Filer (musical inst.)
Neck Fitter (musical inst.)
TONE-CABINET ASSEMBLER (musical inst.)
pedal assembler
TONE REGULATOR (musical inst.)
VALVE MAKER (musical inst.)
Tie-Up Man (musical inst.)
Valve Matcher (musical inst.)

730.887 CUTTER, WOODWIND REEDS (musical inst.)
HEAD TUCKER (musical inst.)
ORGAN-STOP ASSEMBLER (musical inst.)

731. Occupations in Fabrication and Repair of Games and Toys

This group includes occupations concerned with fabricating and repairing BB guns, trains, toy musical instruments, models, poker chips, dolls, chess and checker sets, and children's vehicles. Occupations concerned with fabricating are included in Group 806. Occupations concerned with fabricating such textile products as doll clothing and children's costumes are included in Division 78.

731.130 FOREMAN, TOY ASSEMBLY (toys & games)

731.381 DICE MAKER (toys & games)

731.687 INSPECTOR, METAL TOYS (toys & games)

731.884 COIN-MACHINE ASSEMBLER (coin mach.)
switchpanel mounter
DECORATOR, HAND (toys & games)
DOLL REPAIRER (ret. tr.)
DOLL REPAIRMAN (any ind.)
PUPPETEER (toys & games)
toymaker
ROOTER OPERATOR (hairwork)
doll-wig maker, rooted hair
hair-rooting-machine operator
STUFFED-TOY JOINER (toys & games)
Doll Joiner (toys & games)
TOY ASSEMBLER (ret. tr.)
TOY ASSEMBLER, METAL (toys & games)
TOY ASSEMBLER, WOOD (toys & games)
TOY-ELECTRIC-TRAIN REPAIRMAN (ret. tr.)

731.887 ASSEMBLER (coin mach.)
ASSEMBLER, LIQUID CENTER (sports equip.)
ASSEMBLER, TOY VOICES (toys & games)
BRUSHER (toys & games)
DOLL EYE-SETTER (toys & games)
DOLL GRINDER (toys & games)
FINISHER (hairwork)
FINISHER, HAND (toys & games)
HACKLER, DOLL WIGS (hairwork)
Wig Comber (hairwork)
MARKER (toys & games)
MOLD FILLER, PLASTIC DOLLS (toys & games)
plastisol filler
MOLD STRIPPER, PLASTIC DOLLS (toys & games)
plastisol stripper
PUZZLE ASSEMBLER (toys & games)
REAMER (toys & games)
STUFFER (toys & games)
blower
toy stuffer
TOY ASSEMBLER, PLASTIC (toys & games)
Doll Finisher (toys & games)
TURNER, DOLL WIGS (hairwork)
Wig Curler (hairwork)
WHEEL ASSEMBLER, BABY CARRIAGE (toys & games)
WIRE CUTTER (coin mach.)

732. Occupations in Fabrication and Repair of Sporting Goods

This group includes occupations concerned with fabricating and repairing golf and tennis goods, gymnasium and playground equipment, basketballs, fishing gear, decoys, roller skates and ice skates, body-protection equipment, and bowling balls. Occupations concerned with fabricating and repairing athletic and sports apparel are included in Division 78. Occupations concerned with fabricating and repairing small arms are included in Group 736, and occupations concerned with fabricating ammunition are included in Group 737.

732.381 BOWLING-BALL GRADER AND MARKER (sports equip.)
grade and center marker
BOW MAKER, HAND (sports equip.)
BOW REPAIRMAN, CUSTOM (sports equip.)
GOLF-CLUB HEAD FORMER (sports equip.)
club former
GOLF-CLUB REPAIRMAN (any ind.)
Golf-Club Maker (any ind.)

732.384 INSPECTOR (sports equip.)
process inspector
INSPECTOR AND ADJUSTER, GOLF CLUB HEAD (sports equip.)
loft and lie inspector and adjuster

732.387 BASEBALL INSPECTOR AND REPAIRER (sports equip.)

732.587 BOWLING-BALL WEIGHER AND PACKER (sports equip.)
weigher and packer
BOW WEIGHER (sports equip.)
weigher inspector
GOLF-CLUB WEIGHER (sports equip.)
golf-club matcher
INSPECTOR, GOLF BALL (sports equip.)

732.884 BALL ASSEMBLER (sports equip.)
Basketball Assembler (sports equip.)
Carcass Assembler (sports equip.)
Door Closer (sports equip.)
Leather Coverer (sports equip.)
Soccer-Ball Assembler (sports equip.)
Volleyball Assembler (sports equip.)
TENNIS-BALL COVERER, HAND (sports equip.)
felt coverer
felter, tennis balls
BASEBALL SEWER, HAND (sports equip.)
hand stitcher
BASE-FILLER OPERATOR (sports equip.)
BILLIARD-TABLE REPAIRMAN (ret. tr.; sports equip.)
billiard mechanic
BOW-LIMB ALINER (sports equip.)
buffer-nock cutter
BOWLING-BALL ENGRAVER (sports equip.)
ball engraver
BOW REPAIRMAN, PRODUCTION (sports equip.)
BOW-STRING MAKER (sports equip.)
BOW TILLER AND BUFFER (sports equip.)
CELLULOID TRIMMER (sports equip.)
FEATHER STITCHER (sports equip.)
stitcher, hand
Bottom Stitcher (sports equip.)
Middle Stitcher (sports equip.)
Top Stitcher (sports equip.)
FINISHER (sports equip.)
FISHING-LURE ASSEMBLER (sports equip.)
FISHING-REEL ASSEMBLER (sports equip.)
reel assembler
FISHING-ROD ASSEMBLER (sports equip.)
final-fishing-rod assembler
fishing-rod trimmer
FISHING-ROD MARKER (sports equip.)
FISH-STRINGER ASSEMBLER (sports equip.)
FIXING-MACHINE OPERATOR (sports equip.)
shuttlecock assembler
FLY TIER (sports equip.)
artificial-fly tier
bait tier
fly winder
GRIP WRAPPER (sports equip.)
gripper
handle trimmer
Racquet Butter (sports equip.)
GUIDE-BASE WINDER, MACHINE (sports equip.)
guide winder
GUIDE WINDER (sports equip.) I
PELOTA MAKER (sports equip.)
RACKET STRINGER (sports equip.)
ROLLER-SKATE ASSEMBLER (sports equip.)
ROLLER-SKATE REPAIRMAN (any ind.)
SHAPER, BASEBALL GLOVE (sports equip.)
steamer and shaper
SPIN-TABLE OPERATOR (fabric. plastics prod.)

732.884 Con. SPORTS-EQUIPMENT REPAIRMAN (any ind.)
Archery-Equipment Repairman (any ind.)
Fishing-Tackle Repairman (any ind.)
Tennis-Racket Repairman (any ind.)
SURFBOARD MAKER (sports equip.)
TARGET TRIMMER (sports equip.)
WEIGHER (sports equip.)
balancer
weight tester

732.887 BALL POLISHER (fabric. plastics prod.)
BASE FILLER (sports equip.)
base stuffer
BASING-MACHINE OPERATOR (sports equip.)
CASTING-PLUG ASSEMBLER (sports equip.)
CEMENTER (sports equip.)
CUSHION JOINER (sports equip.)
FEATHER SAWYER (sports equip.)
cutter
FLETCHER (sports equip.)
GOLF-BALL TRIMMER (sports equip.)
GOLF-CLUB WEIGHTER (sports equip.)
weighter
HAND FINISHER, BOWLING BALLS (sports equip.)
hand finisher
HAY SORTER (sports equip.)
LABORER (sports equip.)
LACER (sports equip.)
hand lacer
LEADER TIER (sports equip.)
leader assembler
SNELLER, HAND (sports equip.)
snelled-hook tier
LINING INSERTER (sports equip.)
baseball-glove stuffer
inserter
lining stuffer
MACHINE SNELLER (sports equip.)
MOLD CLEANER (sports equip.)
MOLDER, INFLATED BALL (sports equip.)
press operator, carcass
MOLDER, WAX BALL (sports equip.)
press operator, wax ball
MOLD STRIPPER (sports equip.)
breaker
NOCK APPLIER (sports equip.)
PAINTER, CORK (sports equip.)
POINTER (sports equip.)
REVERSER (sports equip.)
turner
RUBBER ATTACHER (sports equip.)
SOFTBALL CORE MOLDER (sports equip.)
molder
STUFFING-MACHINE OPERATOR (sports equip.)
TENNIS-BALL-COVER CEMENTER (sports equip.)
felt cementer
TENNIS-RACKET WINDER (sports equip.)
TRIMMING-MACHINE OPERATOR (sports equip.)
trimmer, machine
WAX-BALL KNOCK-OUT MAN (sports equip.)

733. Occupations in Fabrication and Repair of Pens, Pencils, and Office and Artists' Materials, n.e.c.

This group includes occupations, not elsewhere classified, concerned with such products as pen points, mechanical pencils, refill cartridges, and related products and such office and artists' materials as lead pencils, carbon and stencil paper, inked ribbons, airbrushes, palettes, artists' colors and waxes, and rubber and metal hand stamps, dies, and seals.

733.130 FOREMAN, RUBBER STAMPS AND DIES (pen & pencil)

733.137 FOREMAN, ASSEMBLY (pen & pencil)
FOREMAN, FINISHING DEPARTMENT (pen & pencil)
FOREMAN, INSPECTION (pen & pencil)

733.381 ENGRAVER, RUBBER (pen & pencil)
engraver, signature
RUBBER-STAMP MAKER (pen & pencil)
stamp maker

733.587 INSPECTOR, RUBBER-STAMP DIE (pen & pencil)

733.687 INSPECTOR (pen & pencil)
nib adjuster
INSPECTOR, BALL POINTS (nonfer. metal alloys)

733.687 Con. INSPECTOR, FINAL ASSEMBLY (pen & pencil)
NIB INSPECTOR (pen & pencil)
PENCIL INSPECTOR (pen & pencil)
pencil sorter
STENCIL INSPECTOR (pen & pencil)

733.884 ASSEMBLER (office mach.)
PAINT-BRUSH MAKER (brush)
brush maker
PEN-AND-PENCIL REPAIRMAN (any ind.)
REPAIRMAN, PENS AND PENCILS (pen & pencil)
salvage clerk
SMOOTHER (pen & pencil)
pen-point smoother
STAMP MOUNTER (pen & pencil)
rubber-stamp assembler
STAMP-PAD MAKER (pen & pencil)

733.887 ASSEMBLER (pen & pencil)
Cartridge Assembler (pen & pencil)
Nib Assembler (pen & pencil)
ASSEMBLER, MARKING DEVICES (pen & pencil)
marker assembler
Fountain-Brush Assembler (pen & pencil)
Fountain-Roller Assembler (pen & pencil)
Pen Assembler (pen & pencil)
ASSEMBLER, MECHANICAL PENCILS AND BALL-POINT PENS (pen & pencil)
air-hammer operator
bench-assembler operator
lead girl
small kick-press operator
small-press operator
tip tightener
BANDER (pen & pencil)
pen assembler
CHALK-CUTTING-MACHINE OPERATOR (pen & pencil)
CLAMPER (pen & pencil)
hydraulic-press operator
DATER ASSEMBLER (pen & pencil)
Cementer (pen & pencil)
DESK-PEN-SET ASSEMBLER (pen & pencil)
bench-assembler operator
DIPPER (pen & pencil)
GROOVING-MACHINE OPERATOR (pen & pencil)
bench-boring-machine operator
RIBBON WINDER (pen & pencil)
spooler
typewriter-ribbon winder
STAMP-PAD FINISHER (pen & pencil)
TIP BANDER (pen & pencil)
tip-banding-machine operator
TIPPING-MACHINE OPERATOR (pen & pencil) I
tipper

734. Occupations in Fabrication and Repair of Notions

This group includes occupations concerned with fabricating such items as pins, needles, plumes, brushes, artificial flowers, buttons, and zippers. Includes curling and dyeing feathers. Occupations concerned with fabrication of ornamental buttons from precious metal are included in Group 700.

734.687 BUCKLE INSPECTOR (button)
BUCKLE SORTER (button)
BUTTON GRADER (button)
BUTTON RECLAIMER (knit goods)
INSPECTOR, SLIDE FASTENERS (needle, pin, & rel. prod.)
SHELL-GRADER (button)
shell sorter
SORTER (button)
ZIPPER TRIMMER, HAND (needle, pin, & rel. prod.)
zipper measurer

734.884 ASSEMBLER (tex. prod., n.e.c.)
table worker
BUTTON-CUTTING-MACHINE OPERATOR (button)
button cutter
FEATHER-DUSTER WINDER (house furn.)
FEATHER SHAPER (artif. flower)
feather trimmer
shaper
Brancher (artif. flower)
Curler (artif. flower)

734.884 Con. Cutter (artif. flower)
Feather Boner (artif. flower)
NEEDLE-STRAIGHTENER (needle, pin, & rel. prod.)
latch-needle straightener
SEWER, CLOTH-COVERED BUTTONS (button)
STAMPER (button)
STICKER (artif. flower)
leaf sticker

734.887 ACETONE-BUTTON PASTER (button)
ASSEMBLER (button)
BENCH WORKER (needle, pin, & rel. prod.)
BOBBIN DISKER (glass mfg.)
BUCKLE-WIRE INSERTER (button)
BUTTON-AND-BUCKLE MAKER (any ind.)
buckle-and-button maker
covered-button maker
BUTTON-BLANK-PRESS OPERATOR (button)
BUTTON WEAVER, HAND (button)
weaver
COVERED-BUCKLE ASSEMBLER (button)
buckle assembler
buckle coverer
buckle gluer
GRINDER, HAND (button)
HOT-STONE SETTER (button)
INSIDE-FIBER TIPPER (narrow fabrics)
PASTER (button)
QUILL-BUNCHER-AND-SORTER (house furn.)
SLIDE-FASTENER-CHAIN ASSEMBLER (needle, pin, & rel. prod.)
assembler, slide fastener stringers
puller
pull-up girl
zipper joiner
SLIDE-FASTENER REPAIRMAN (needle, pin, & rel. prod.)
zipper repairer
SLIDER ASSEMBLER (garment; needle, pin, & rel. prod.)
slider attacher
zipper-slide attacher
SPLITTER, HAND (button)

735. Occupations in Fabrication and Repair of Jewelry, n.e.c.

This group includes occupations, not elsewhere classified, concerned with fabricating and repairing jewelry.

735.381 BENCH HAND (jewelry) II
bench worker
GENUINE-PEARL WORKER (jewelry)

735.587 COLORING CHECKER (jewelry)

735.781 BRACELET AND BROOCH MAKER (jewelry)
brooch-and-bracelet maker

735.884 BEAD STRINGER (jewelry)
Pearl Stringer (jewelry)
MUSIC-BOX ASSEMBLER (musical inst.)
STONER (jewelry)
TROPHY ASSEMBLER (jewelry)

735.887 COMPACT ASSEMBLER (jewelry)
DIPPER (jewelry)
etcher, enameling
washer-off
LINKER (jewelry)
linker-up
plier worker
Link Assembler (jewelry)
CHAIN MENDER (jewelry)
PAINTER (jewelry) I
PIN-OR-CLIP FASTENER (jewelry)
finding fastener
RACKER (jewelry)
SORTER (jewelry)
STONE SETTER (jewelry)
Pearl Hand (jewelry)
Pronger (jewelry)
Rhinestone Setter (jewelry)
Stone Gluer (jewelry)
STONE-SETTER APPRENTICE (jewelry)
SWEDGER (jewelry)
WIRE DRAWER (jewelry)

736. Occupations in Fabrication and Repair of Ordnance and Accessories

This group includes occupations concerned with inspecting, fitting, assembling, and repair-

ing small arms, repeating weapons, and related ordnance.

736.131 AUTOMOTIVE-TIRE-TESTER FOREMAN (ordnance)
FIREARMS-ASSEMBLY FOREMAN (firearms)
INSPECTION FOREMAN (firearms)
736.281 GUN EXAMINER (firearms)
736.381 ASSEMBLER (firearms) I
final assembler
PROCESS INSPECTOR (ordnance)
736.387 AUTOMOTIVE-TIRE TESTER (ordnance)
PROOF INSPECTOR (firearms)
proof tester
shooter
PROOF-TECHNICIAN HELPER (ammunition; firearms)
laboratory-mechanic helper
736.484 FINAL INSPECTOR (firearms)
inspector, final assembly
736.587 INSPECTOR, ASSEMBLY (firearms)
736.687 INSPECTOR, BARREL (firearms)
736.781 FITTER, VENTILATED RIB (firearms)
rib matcher and fitter
SIGHT MOUNTER (firearms)
repairman, sights
TARGETEER (firearms)
aliner
sighter
736.884 ALINER, BARREL AND RECEIVER (firearms)
ASSEMBLER (firearms) II
sub-assembler
ASSEMBLER (firearms) III
BARREL FINISHER (firearms)
BARREL REPAIRMAN (firearms)
BARREL STRAIGHTENER (firearms) I
GAS-CHECK-PAD MAKER (firearms)
736.887 BARREL LOADER AND CLEANER (firearms)
FRONT-SIGHT ATTACHER (firearms)
GREASER (firearms)
cleaner-greaser
oiler and packer, gun parts
INSPECTOR, LIVE AMMUNITION (firearms)

737. Occupations in Fabrication of Ammunition, Fireworks, Explosives, and Related Products

This group includes occupations concerned with assembling, loading, and inspecting small arms and artillery ammunition, bombs, mines, grenades, chemical warfare projectiles, flares, explosive charges, and related products. Occupations concerned with processing explosive chemicals are included in Division 55.

737.131 FOREMAN, FIREWORKS ASSEMBLY (fireworks)
fireworks-assembly foreman
Floatlight-Loading Foreman (fireworks)
Incendiaries Foreman (fireworks)
Pyrotechnic-Loading Foreman (fireworks)
737.132 PRIMER FOREMAN (ammunition)
737.134 INSPECTION FOREMAN (ammunition)
737.137 AMMUNITION-LOADING FOREMAN (ammunition)
BELT-AND-LINK-ASSEMBLER FOREMAN (ammunition)
belt-and-link-shop foreman
POWDER-AND-PRIMER-CANNING LEADER (ammunition)
primer-and-powder-canning leader
PROPELLANT-CHARGE-LOADING FOREMAN (ammunition)
PYROTECHNIC-LOADING FOREMAN (ammunition)
ammunition-loading foreman
737.138 INSPECTOR, CHIEF (ammunition)
737.381 ASSEMBLER, IGNITER (ordnance)
737.384 PROCESS CHECKER (ammunition)
inspector, materials and processes
737.387 DROP TESTER (ammunition)
INSPECTOR (ammunition) I
INSPECTOR (ammunition) III
PRESSURE-TEST OPERATOR (ammunition)
737.487 PROPELLANT-CHARGE LOADER (ammunition)
737.685 SHAKER-PLATE OPERATOR (ammunition)
loading unit plate filler
plate filler
737.687 INSPECTOR (ammunition) II
737.687 INSPECTOR, BULLET SLUGS (ammunition)
Con. INSPECTOR, FIREWORKS (fireworks)
Firing-Pin Gager (fireworks)
Pellet-Post Inspector (fireworks)
INSPECTOR, SHELLS (ammunition)
MERCURY-CRACKING TESTER (ammunition)
MIXER (fireworks)
Floatlight-Powder Mixer (fireworks)
Incendiary-Powder Mixer (fireworks)
Photoflash-Powder Mixer (fireworks)
Pyrotechnic Mixer (fireworks)
Starter-Cup-Powder Mixer (fireworks)
PRIMER INSPECTOR (ammunition)
SALVAGE GIRL (ammunition)
737.884 CARDOX-PLANT OPERATOR (mining & quarrying)
FIREWORKS MAKER (fireworks)
FUSE ASSEMBLER (ammunition)
INSPECTOR, SALVAGE (ammunition)
cartridge gager
salvage-machine operator
POWDERMAN (ammunition)
SHELL ASSEMBLER (ammunition)
737.887 ASSEMBLER (ammunition)
BANDOLEER STRAIGHTENER-STAMPER (ammunition)
BLASTING-CAP ASSEMBLER (ammunition)
electric-blasting-cap assembler
BOMB LOADER (ammunition)
Thermite-Bomb Loader (ammunition)
BOOSTER ASSEMBLER (ammunition)
CORE LOADER (ammunition)
DETONATOR ASSEMBLER (ammunition)
EXPLOSIVE OPERATOR (ammunition) I
EXPLOSIVE OPERATOR (ammunition) II
Explosive Operator, Bomb (ammunition)
Explosive Operator, Fuse (ammunition)
Explosive Operator, Grenade (ammunition)
FIREWORKS ASSEMBLER (fireworks)
pyrotechnic assembler
Capper (fireworks)
Crimper (fireworks)
Finisher (fireworks)
Inserter (fireworks)
Loader (fireworks)
Packer (fireworks)
GAGE-AND-WEIGH-MACHINE OPERATOR (ammunition)
Gaging-Machine Operator (ammunition)
IGNITER CAPPER (ammunition)
LABORER, AMMUNITION ASSEMBLY (ammunition) I
LABORER, AMMUNITION ASSEMBLY (ammunition) II
LACQUER-PIN-PRESS OPERATOR (ammunition)
MANUAL-PLATE FILLER (ammunition)
PRIMER ASSEMBLER (ammunition) I
PRIMER BOXER (ammunition)
PRIMER CHARGER (ammunition)
cup filler
PROPELLANT-CHARGE-ZONE ASSEMBLER (ammunition)
SALVAGE MAN (ammunition)
SCREW-EYE ASSEMBLER (ammunition)
SHADOWGRAPH-SCALE OPERATOR (ammunition)
CHECK WEIGHER (ammunition)
TAPPER, HAND (ammunition)
VARNISHING-UNIT OPERATOR (ammunition)

739. Occupations in Fabrication and Repair of Products Made from Assorted Materials, n.e.c.

This group includes occupations, not elsewhere classified, concerned with fabricating and repairing products from assorted materials.

739.131 FOREMAN (model & pattern)
FOREMAN (umbrella)
FOREMAN, BIT AND SHANK DEPARTMENT (smoking pipe)
739.134 FOREMAN, ASSEMBLY ROOM (mort. goods)
739.137 FOREMAN, DYEING AND FINISHING DEPARTMENT (smoking pipe)
FOREMAN, LAMP SHADES (fabric. prod., n.e.c.)
FOREMAN, PATCHING DEPARTMENT (smoking pipe)
739.137 FOREMAN, SANDING DEPARTMENT (smoking
Con. pipe)
739.138 ASSEMBLY FOREMAN (any ind.)
739.281 MANNEQUIN-MOLD MAKER (model & pattern)
mold maker
739.381 CANVAS WORKER (canvas goods; ship & boat bldg. & rep.)
Awning Maker (canvas goods)
Sailmaker (canvas goods; ship & boat bldg. & rep.)
Tentmaker (canvas goods)
CANVAS-WORKER APPRENTICE (canvas goods; ship & boat bldg. & rep.)
sail, tent, and awning-maker apprentice
CUTTER, FABRICS AND MATERIALS (aircraft mfg.)
cutter
Soundproofing Cutter (aircraft mfg.)
Upholstery Cutter (aircraft mfg.)
DIE MAKER (paper goods)
steel-rule die maker
DIE-MAKER APPRENTICE (paper goods)
steel-rule-die-maker apprentice
DIORAMA MODEL MAKER (signs)
carpenter, display
Stage Hand (signs)
DISPLAY ASSEMBLER (signs)
experimental display builder
model maker
short-order man
EXPERIMENTAL ASSEMBLER (any ind.)
INSET CUTTER (linoleum)
SURVIVAL-EQUIPMENT REPAIRMAN (gov ser.)
739.387 CASKET INSPECTOR (mort. goods)
HAIR-SAMPLE MATCHER (hairwork)
hair blender
hair mixer
739.484 CHRONOGRAPH OPERATOR (ammunition; firearms)
ballistics tester
FIRE-EQUIPMENT MAN (any ind.)
fire-equipment inspector
739.587 INSPECTION CLERK (linoleum)
roll-up helper
739.687 BLOCK INSPECTOR (match)
BROOMCORN GRADER (broom)
broomcorn sorter
CORK INSPECTOR (cork prod.)
EXAMINER (umbrella)
GASKET INSPECTOR (pipe & boiler cov.)
INSPECTOR (match)
INSPECTOR, OILCLOTH (artif. leather)
INSPECTOR, OIL FILTERS (aircraft mfg.; auto. mfg.)
PATCH DRILLER
(smoking pipe)
PATCHER (smoking pipe)
inspector
repairer
Fine Patcher (smoking pipe)
Rough Patcher (smoking pipe)
SALVAGER (match)
SELECTOR (smoking pipe)
stummel selector
SPOT PICKER, MOLDED GOODS (linoleum)
spot picker
TABLE WORKER (linoleum)
spotter
739.781 CASKET ASSEMBLER (mort. goods)
fitter
upfitter
Body Maker (mort. goods)
Molding Fitter (mort. goods)
Panel Fitter (mort. goods)
Top-Frame Fitter (mort. goods)
Top-Frame Maker (mort. goods)
FABRICATOR, SHOWER DOORS AND PANELS (struct. & ornam. metalwork)
FIGURE-REFINISHER AND REPAIRER (ret. tr.)
MANNEQUIN WIG MAKER (hairwork)
WIG MAKER (hairwork)
739.884 ARTIFICIAL-CANDY MAKER (fabric. prod., n.e.c.)
novelty-candy maker
ARTIFICIAL-FLOWER MAKER (artif. flower)
flower arranger
foliage arranger

739.884 Con.
Tubing-Machine Operator (artif. flower)
Twisting-Machine Operator (artif. flower)
Veining-Machine Operator (artif. flower)
Wreath Maker (artif. flower)
PETAL SHAPER, HAND (artif. flower)
PRESSER (artif. flower)
ASSEMBLER, METAL FURNITURE (furn.)
metal-furniture assembler
Art Metal-Chair Assembler (furn.)
Backrest Assembler (furn.)
Office-Chair Assembler (furn.)
Seat Assembler (furn.)
Table Assembler, Metal (furn.)
BRAKEMAKER, DONKEY ENGINE (mach. mfg.)
BROOMMAKER (broom)
winder
BRUSH-MATERIAL PREPARER (brush)
BUFFER (smoking pipe)
polisher
tripoler
Lacquer Polisher (smoking pipe)
Shellac-Polish Man (smoking pipe)
BUFFING-AND-POLISHING-WHEEL REPAIRMAN (any ind.)
buff-wheel fabricator
disk recoater
glueman
polishing-wheel repairman
CANDLEMAKER (candle)
Candle Dipper (candle)
CASE FINISHER (jewelry cases; leather prod.)
case assembler
instrument-case finisher
leather-case finisher
Case Coverer (jewelry cases; leather prod.)
Case Liner (jewelry cases; leather prod.)
Case Repairman (jewelry cases; leather prod.)
Inspector-Packer (jewelry cases)
CLIP-AND-HANGER ATTACHER (mirror)
back riveter
COMPOSITION MOLDER (model & pattern)
compo molder
composition worker
CROQUIGNOLE-CURL-MACHINE OPERATOR (hairwork)
croquignole- machine operator
CURTAIN-ROLLER ASSEMBLER (window shade & fix.)
DECORATOR (leather prod.)
hardware assembler
DE-ICER ASSEMBLER, ELECTRIC (rubber goods)
De-Icer Assembler, Pneumatic (rubber goods)
DE-ICER-ELEMENT WINDER, HAND (rubber goods)
heating-element builder
jig winder
DE-ICER FINISHER (rubber goods)
DIAMOND MOUNTER (mach. tool & access.)
diamond setter
FINISHER, BRUSH (brush)
FINISHER, MAP-AND-CHART (print. & pub.)
chart-and-map finisher
map-and-chart finisher
map finisher
FOOT-MITER OPERATOR (mirror & pic. frames)
hand-miter operator
FORM COVERER (model & pattern)
FOUNDATION MAKER (hairwork)
blocker and sewer
FURNITURE SET-UP MAN (ret. tr.)
HAIR PREPARER (hairwork)
hair blender
HAIR WORKER (hairwork)
hackler
HANDBAG FRAMER (leather prod.,)
framer
Coin-Purse Framer (leather prod.)
Pocketbook Framer (leather prod.)
Purse Framer (leather prod.)
LAMP-SHADE ASSEMBLER (fabric. prod., n.e.c.)
Antiquer-and-Rubber (fabric. prod., n.e.c.)
Gluer (fabric. prod., n.e.c.)
Lamp-Shade Lacer (fabric. prod., n.e.c.)

739.884 Con.
Lamp-Shade Trimmer (fabric. prod., n.e.c.)
LAST IRONER (lasts & rel. forms)
ironer
LAST MARKER (lasts & rel. forms)
LAST REMODELER (lasts & rel. forms)
remodeler
LAST REPAIRMAN (boot & shoe)
last grinder
last repairer
Wooden-Last-Stamper (boot & shoe)
LAST-REPAIRMAN HELPER (boot & shoe)
MANNEQUIN MOUNTER (model & pattern)
balancer
set-up man
MANNEQUIN SANDER AND FINISHER (model & pattern)
paper finisher
MAT CUTTER (mirror & pic. frames)
MIRROR FRAMER (mirror; mirror & pic. frames)
MOP MAKER (house furn.) II
mop-machine operator
MOUNTER, SMOKING PIPE (smoking pipe)
NEEDLE-BOARD REPAIRMAN (felt goods)
needle setter
OIL-SEAL ASSEMBLER (leather prod.)
PICTURE-FRAME MAKER (mirror & pic. frames)
frame maker
gluer and nailer
joiner
Mirror-Frame Maker (mirror & pic. frames)
PICTURE FRAMER (mirror & pic. frames; ret. tr.)
assemblyman
framer
SCREEN MAKER (wallpaper)
SMOKING-PIPE REPAIRMAN (any ind.)
TICKET-CHOPPER ASSEMBLER (furn.)
UMBRELLA MAKER (umbrella)
UMBRELLA TIPPER, HAND (umbrella)
framer
tacker
VENETIAN-BLIND ASSEMBLER (window shade & fix.)
VENTILATOR (hairwork)
First Front Ventilator (hairwork)
Part Maker (hairwork)
VULCANIZER, BRUSH (brush)
WEAVER (hairwork)
mounter
weft maker
WOODEN-SHADE HARDWARE INSTALLER (window shade & fix.)

739.887 ASSEMBLER (mirror)
ASSEMBLER-ARRANGER (fabric. prod., n.e.c.)
arranger-assembler
ASSEMBLER, CORNCOB PIPES (smoking pipe)
bit setter
borer, stem
ferruler
reamer
steam assembler
stem setter
ASSEMBLER, DRESSMAKER FORM (model & pattern)
ASSEMBLER, FILTERS (glass prod.)
ASSEMBLER, FINGER BUFFS (tex. prod., n.e.c.)
Core Inserter (tex. prod., n.e.c.)
ASSEMBLER, OIL FILTERS (auto. mfg.)
ASSEMBLER, SMALL PRODUCTS (any ind.)
ASSEMBLYMAN (mirror; mirror & pic. frames) I
BLACKBOARD-ERASER MAKER, HAND (felt goods)
BRUSH FILLER, HAND (brush)
draw hand
CANDLE CUTTER (candle)
wick cutter
CANDLE DECORATOR (candle) II
CANDLE MOLDER, HAND (candle)
CANDLEWICK STRINGER (candle)
CLEANER (smoking pipe)
wiper
CLEANER, SIGNS (signs)
CLIPPER (broom)
DIGGER (smoking pipe)
DUST-BRUSH ASSEMBLER (elec. equip.)

739.887 Con.
DUST-MOP MAKER (house furn.)
dry-mop maker
EYE-DROPPER ASSEMBLER (glass prod.)
FILLER (smoking pipe)
FIRE-EQUIPMENT-MAN HELPER (any ind.)
fire-and-safety-man helper
FITTER (furn.; mirror & pic. frames)
FOLDER-CEMENTER (needle, pin, & rel. prod.)
GASKET FITTER (mach. mfg.)
glue-machine operator
GLUER (any ind.) II
HACKLER (broom)
comber
hull puller
HANDLE-GRIP ASSEMBLER (elec. equip.)
HOSE ASSEMBLER (elec. equip.)
KNOT TIER (fabric. prod., n.e.c.)
knotter
MOP-HANDLE ASSEMBLER (house furn.)
handle maker
MOP MAKER (house furn.) I
NAILER (tinware)
ORNAMENT MAKER, HAND (fabric. prod., n.e.c.)
PAINT-ROLLER WINDER (brush)
spiral winder
PART MAKER (jewelry cases)
Bracelet-Form Coverer (jewelry cases)
Bracelet Former (jewelry cases)
Cushion Maker, Hand (jewelry cases)
Lining Maker, Hand (jewelry cases)
Pad Assembler (jewelry cases)
PIPE-SMOKER-MACHINE OPERATOR (smoking pipe)
POURER (candle)
candle pourer
PULL-OUT OPERATOR (linoleum)
SHANK THREADER (smoking pipe)
STACKING-MACHINE OPERATOR (any ind.) II
stacker operator
STAINER (smoking pipe)
STARCHER (artif. flower)
sizer
TAPPER, BIT (smoking pipe)
TAPPER, SHANK (smoking pipe)
TRAVERSE-ROD ASSEMBLER (window shade & fix.)
UMBRELLA FINISHER (umbrella)
Handle Mounter (umbrella)
UMBRELLA TIPPER, MACHINE (umbrella)
VACUUM-BOTTLE ASSEMBLER (glass prod.)
VENETIAN-BLIND MAINTENANCE MAN (any ind.)
venetian-blind cleaner and repairman
WICK-AND-BASE ASSEMBLER (candle)
base-and-wick assembler

74 PAINTING, DECORATING, AND RELATED OCCUPATIONS

This division includes occupations concerned with applying decorative or protective materials such as paint, enamel, varnish, shellac, stain, or oil, to articles by brushing, spraying, wiping, or hand-dipping, including preparation of the article's surface, mixing coating ingredients, handrubbing filled or coated surfaces, and related activities.

740. Painters, Brush

This group includes occupations concerned with covering or decorating surfaces, using brushes.

740.381 DECORATOR (glass mfg.; glass prod.) I
glass artist
pyroglazer
LINER (pottery & proc.)
bander
decorator, hand
gilder
line decorator
LUSTER APPLICATOR (glass mfg.; glass prod.)

740.884 CHARGER (jewelry) I
set-up and charge girl
DECORATOR (button; jewelry)
painter
painter, trim
Dresden Painter (jewelry)
Painter, Sample (jewelry)
ENAMELER (jewelry)
RETOUCHER (bal. & scales)

740.884 STRIPER, HAND (motor. & bicycles)
Con. TOUCH-UP PAINTER, HAND (any ind.)
hand painter
retoucher
salvage painter
Dial Retoucher (inst. & app.)
740.887 BUTTON SPINDLER (button)
spindler
DIXONAC OPERATOR (electronics)
dag coater
dagger
FUNNEL COATER, HAND (electronics)
bulb-washer-and-coater
PAINTER, BRUSH (any ind.)
painter, hand
Car Varnisher (loco. & car. bldg. & rep.)
Japanner (any ind.)
Lacquerer (mach. shop)
Painter, Drum (any ind.)
Pipe Coater (iron & steel)
LAST-CODE STRIPER (lasts & rel. forms)
code striper
PAINTER, MANNEQUIN (model & pattern)
PAINTER, PANEL EDGE (furn.)
paint and table edge man
SHELLACKER (ammunition)
STAMP FILLER (any ind.)
medalion painter
painter, embossed lettering
Dice Spotter (toys & games)
Painter, Battery Brand and Vent Plug (elec. equip.)
TIRE FINISHER (rubber tire & tube)

741. **Painters, Spray**

This group includes occupations concerned with covering or decorating surfaces, using spray guns and stencils.

741.587 PAINT-SPRAY INSPECTOR (any ind.)
finish inspector
741.884 ARTIST, MANNEQUIN COLORING (model & pattern)
decorator
PAINTER, ELECTROSTATIC (any ind.)
electronic paint operator
PAINTER, SPRAY (any ind.) I
spray-gun operator
Artificial-Limb Sprayer (surgical appl.)
Ceramic Sprayer (brick & tile; pottery & porc.)
Enameler (pottery & porc.)
Enamel Sprayer (auy ind.)
Glaze Sprayer (auto. mfg.)
Hat Sprayer (hat & cap)
Lacquer Sprayer (any ind.)
Painter, Insignia (aircraft mfg.; auto. mfg.)
Painter, Ordnance (firearms)
Panel Finisher (paint & varn.)
Porcelain-Enamel Sprayer (any ind.)
Primer Sprayer (aircraft mfg.; auto. mfg.)
Sprayer, Auto Parts (auto. mfg.)
Sprayer, Railroad Car (loco. & car bldg. & rep.; r.r. trans.)
Thinner Sprayer (auto. mfg.)
Undercoat Sprayer (aircraft mfg.; auto. mfg.)
PAINTER, MIRROR (mirror)
paint sprayer
PAINTER, WHITEWALL TIRE (rubber tire & tube)
STENCILER (carpet & rug; fiber rugs)
painter, design
painter, stencil
PAINT-SPRAY TENDER (mirror)
paint man
PORCELAIN-ENAMEL REPAIRMAN (any ind.)
appliance painter-and-refinisher
appliance refinisher-and-painter
slusher
SPRAY-PAINTING-MACHINE OPERATOR (any ind.)
automatic-spray-machine operator
741.887 PAINTER HELPER, SPRAY (any ind.)
paint-spraying-machine-operator helper
spray helper

741.887 Clean-Up Man (any ind.) II
Con. Sander (any ind.)
PAINTER, SPRAY (any ind.) II
painter, rough
Coil Sprayer (electronics)
Doper Operator (tinware)
Enamel Sprayer (any ind.)
Lacquer Sprayer (any ind.)
Lipcoat Sprayer (any ind.)
Mica-Parts Sprayer (electronics)
Mortex Sprayer (auto. mfg.)
Painter, Barrel (petrol. refin.)
Painter, Chassis (auto. mfg.)
Painter, Electric Motor (any ind.)
Sagger Washer (pottery & porc.)
Shellacker (optical goods)
Silicator (chem.)
Sizing Sprayer (window shade & fix.)
Special-Lining Applier (any ind.)
Spray Cementer (leather prod.)
Tile Sprayer (brick & tile)
Timber Sprinkler (mining & quarrying)
Zolatone Sprayer (ship & boat bldg. & rep.)
ADHESIVE SPRAYER (rubber goods)
DAGGER, OUTSIDE (electronics)
outside dagger
FORMING-PLATE SPRAYER (rubber goods)
PAINTER, BLACKWALL TIRE (rubber tire & tube)
SPRAYER (boot & shoe) I
Heel Sprayer (boot & shoe)
WATERPROOFER (boot & shoe)
primer
RUBBER (paper goods)
grainer, hand
paint rubber
sprayer helper
STRIPER, MACHINE (any ind.)
gun striper
mechanical striper
pencil striper
Washing-Machine Striper (elec. equip.)

742. **Staining, Waxing, and Related Occupations**

This group includes occupations concerned with applying liquid or paste materials to produce "natural finishes" on wood and similar materials.

742.884 RUBBER (furn.; mirror & pic. frames)
burnisher
finisher
Brush Shade-Hand (furn.)
Duller (furn.)
High-Lighter (furn.)
Satin Finisher (furn.; mirror & pic. frames)
742.887 BURNISHER (mirror & pic. frames)
SNATH FINISHER (shaped wood. art.)
WIPER (furn.)
brushman
rubber
wiper-blender
Filler Wiper (furn.)
Glaze Wiper (furn.)
Stain Wiper (furn.)
Washcoat Wiper (furn.)

749. **Painting, Decorating, and Related Occupations, n.e.c.**

This group includes occupations, not elsewhere classified, concerned with hand-dipping, cleaning, masking, and other activities involved in painting and decorating.

749.130 FOREMAN, PAINT (toys & games)
749.131 FOREMAN, PAINT DEPARTMENT (any ind.)
749.132 CHEST-PAINTING AND SEALING FOREMAN (ammunition)
chest-painting leader
749.134 FOREMAN, FINISHING (mort. goods)
749.381 PAINT INSPECTOR, HEAD (typewriters & parts)
749.781 GILDER (any ind.) I
gold charmer
gold-leaf gilder
metal-leaf gilder
metal-leaf layer
749.884 CANDLE DECORATOR (candle) I

749.884 DECAL APPLIER (any ind.)
Con. applier
decalcomania transferrer
decal decorator
decal operator
decal transferrer
design transferrer
print applier
printer helper
Print Decorator (pottery & porc.)
DECORATOR (furn.)
Stenciler (furn.)
Striper (furn.)
FINISHER (wood. box)
FRAME TRIMMER (mirror & pic. frames) II
shader and toner
GILDER (any ind.) II
metal-leaf gilder
metal-leaf layer
INLAY PAINTER (button)
LACQUER MAN (jewelry)
METAL-LEAF GILDER (mirror & pic. frames)
PAINT-TOUCH-UP MAN (any ind.)
final-touch-up man
finish repairman
painter, inside finish
painter, touch-up
spot rubber
spot sprayer
spray-touch-up man
tack-off man
PUTTY GLAZER (any ind.)
Wheel Filler (auto. mfg.)
SANDER (refrigerat. equip.)
STAINER (furn.; mirror & pic. frames)
Brush Stainer (furn.)
STOVE REFINISHER (any ind.)
749.887 BALLON DIPPER (rubber goods)
soaper
CRESTER (sports equip.)
DIPPER AND DRIER (furn.; shaped wood. art.)
drying-machine operator
KEG VARNISHER (cooperage)
MASKER (any ind.)
body masker
hardware taper
layer-out and masker
paneler
paperhanger
revealer
shielder
taper
PLASTERER (furn.)
plasterer, spot
RACKER (sports equip.)
REFRIGERATOR CLEANER (refrigerat. equip.)
SPRAY-BOOTH CLEANER (any ind.)
STRIPPER (furn.)
clean-off man
wash-off man

75 **OCCUPATIONS IN FABRICATION AND REPAIR OF PLASTICS, SYNTHETICS, RUBBER, AND RELATED PRODUCTS.**

This division includes occupations, not elsewhere classified, concerned with laying out, marking, cutting, carving, shaping, scraping, pressing, fitting, modeling, cementing, bench molding, and bench casting of products from plastics, synthetics, rubber, and related materials.

750. **Occupations in Fabrication and Repair of Tires, Tubes, Tire Treads, and Related Products**

This group includes occupations concerned with fabricating or repairing solid and pneumatic tires, pneumatic casings, inner tubes tire treads, and related products for such conveyances as vehicles, airplanes, farm equipment, and children's vehicles. Includes recapping and retreading automobile tires. Such minor repairs as patching inner tubes and sealing punctures in tubeless tires are included in Group 915.

750.130 FOREMAN (rubber tire & tube)
Bead Foreman (rubber tire & tube)
Curing Foreman (rubber tire & tube)
Millroom Foreman (rubber tire & tube)

750.130 Con.
Rubber-Compounder Foreman (rubber tire & tube)
Stock-Preparation Foreman (rubber tire & tube)
Tire-Building Foreman (rubber tire & tube)
Tire-Finishing Foreman (rubber tire & tube)
Tube-Room Foreman (rubber tire & tube)

750.281 TIRE TECHNICIAN (rubber tire & tube)

750.384 GREEN-TIRE INSPECTOR (rubber tire & tube)
TIRE INSPECTOR (rubber tire & tube)
final inspector
Passenger-Tire Inspector (rubber tire & tube)
Truck-Tire Inspector (rubber tire & tube)

750.387 TIRE CLASSIFIER (rubber tire & tube)

750.687 AIR BAG TESTER (rubber tire & tube)
RACKER (rubber tire & tube)
tire racker
TIRE BALANCER (rubber tire & tube)
tire spotter
TIRE INSPECTOR (auto. ser.)
TUBE INSPECTOR AND FINISHER (rubber tire & tube)
tube inspector

750.781 GREEN-TIRE REPAIRMAN (rubber tire & tube)
TIRE REPAIRER (rubber tire & tube)
repairer
tire-blemish repairman
tire repairman

750.884 BAND BUILDER (rubber tire & tube)
cord-pocket builder
ply bander
pocket builder
tire bander
Breaker-Band Builder (rubber tire & tube)
BEAD BUILDER (rubber tire & tube)
bead flapper
Bead Filler (rubber tire & tube)
Bead Flipper (rubber tire & tube)
Bead Wrapper (rubber tire & tube)
MAT REPAIRMAN (rubber goods)
SKIVER (rubber tire & tube)
SOLID-TIRE BUILDER (rubber tire & tube)
Rim Painter (rubber tire & tube)
Tread Applicator (rubber tire & tube)
Tread-Make-Ready Man (rubber tire & tube)
Tread Trimmer (rubber tire & tube)
TIRE BUILDER (auto. ser.)
retreader
tire rebuilder
TIRE BUILDER, AUTOMOBILE (rubber tire & tube)
tire maker
TIRE BUILDER, TRUCK (rubber tire & tube)
TIRE GROOVER (auto. ser.)
groover, hand
regroover
tread groover
TIRE TRIMMER, HAND (rubber tire & tube)
TIRE VULCANIZER (auto. ser.)
cementer
patcher
TREAD CUTTER, TRUCK TIRES (rubber tire & tube)
TREAD-CUTTING-MACHINE OPERATOR (rubber tire & tube)
TUBE BALANCER (rubber tire & tube)
TUBE BUILDER, AIRPLANE (rubber tire & tube)
TUBE-PROCESSING-EQUIPMENT TENDER (rubber tire & tube)
TUBE REPAIRMAN (rubber tire & tube)
TUBE SPLICER (rubber tire & tube) I
cementer
tube joiner
Acid Splicer (rubber tire & tube)
Air-Bag Splicer (rubber tire & tube)

750.887 AIR-BAG EXTRACTOR (rubber tire & tube)
air-bag stripper
tire debagger
BAND WRAPPER (rubber tire & tube)
hand folder
CURING-BELT FEEDER (rubber tire & tube)

750.887 Con.
INNER-TUBE DEFLATOR (rubber tire & tube)
INNER-TUBE INSERTER (rubber tire & tube)
tuber
SOLID-TIRE FINISHER (rubber tire & tube)
TIRE DUSTER (rubber tire & tube) I
TIRE LUBRICATOR (rubber tire & tube)
green-tire-duster
green-tire-painter
tire duster
TIRE MOUNTER (fabric. prod., n.e.c.)
automatic-tire-spreader operator
tire assembler
TIRE PROCESSOR (rubber tire & tube)
TIRE WASHER (rubber tire & tube)
TREAD WEIGHER AND BOOKER (rubber tire & tube)
VALVE BUFFER (rubber tire & tube)
VALVE CEMENTER (rubber tire & tube)
VALVE-CORE INSERTER (rubber tire & tube)
core inserter
VALVE FITTER (rubber tire & tube)
stemmer
tube-valve inserter
valve inserter
valver
VALVE-STEM-HOLE PUNCHER (rubber tire & tube)

751. Laying Out and Cutting Occupations, n.e.c.

This group includes occupations, not elsewhere classified, concerned with laying out, marking, and cutting of plastics, fiber glass, synthetics, rubber, and related materials.

751.381 LAY-OUT MAN (engraving)

751.884 COLD-ROLL INSPECTOR (plastics mat.)
CUTTER, HAND (rubber goods)
knife cutter
stock cutter
trimmer, hand
Outsole Cutter, Hand (rubber goods)
CUTTER, HOT KNIFE (rubber goods)
FOXING CUTTER, HOT KNIFE (rubber goods)
PREFORM MAN (ship & boat bldg. & rep.)
TUBER-MACHINE CUTTER (rubber goods; rubber tire & tube)
extruder-operator helper
tuber-operator helper
Inner-Tube Cutter (rubber tire & tube)
Rubber-Flap Cutter (rubber goods; rubber tire & tube)

751.887 HOSE CUTTER, HAND (rubber goods)
HOSE CUTTER, MACHINE (rubber goods)
cutting-table operator
PATTERN GIRL (fabric. plastics prod.; woodworking)
RUBBER-SPLICE PREPARER (rubber goods)
stock preparer
Cementer (rubber goods)
Hand Trimmer (rubber goods)
STOCK PREPARATION MAN (fabric. plastics prod.)
TUBER-MACHINE-CUTTER HELPER (rubber goods; rubber tire & tube)

752. Fitting, Shaping, Cementing, Finishing, and Related Occupations, n.e.c.

This group includes occupations, not elsewhere classified, concerned with fitting, shaping, cementing, finishing, and similarly working plastic, fiber glass, synthetics, rubber, and related materials.

752.687 FLOOR-MAT JUTER (rubber goods)

752.781 BELT BUILDER (rubber goods)
HOSE MAKER (rubber goods)
hose builder
SELF-SEALING-FUEL-TANK BUILDER (rubber goods)
fuel-cell assembler

752.884 ASSEMBLER, SPONGE GASKET (rubber goods)
BALLOON MAKER (rubber goods)
BELT SPLICER (rubber goods)
BIT BENDER (smoking pipe)
BUFFER (fabric. plastics prod.)
CATHETER BUILDER (rubber goods)
PADDED-PRODUCTS FINISHER (rubber goods)
repairman and finisher, padded products
RUBBER-GOODS ASSEMBLER (rubber goods)
Bottle Assembler (rubber goods)
Goggles Assembler (rubber goods)

752.884 Con.
Graphite-Disk Assembler (rubber goods)
Ice-Bag Assembler (rubber goods)
SECTIONAL-BELT-MOLD ASSEMBLER (rubber goods)
V-belt mold assembler and cureman
SKIN FORMER (rubber goods)

752.887 BRAND CEMENTER (rubber goods)
CEMENT APPLIER (rubber goods)
INSTALLER, FUEL-BAY LINING (aircraft mfg.)
fuel-bay-lining mechanic
KEY INLAYER (typewriters & parts)
KEY RINGER (typewriters & parts)
MAT FINISHER (rubber goods)
mat felter
TREAD-LIP FORMER (rubber goods)
forming-unit operator

753. Occupations in Fabrication and Repair of Rubber and Plastic Footwear

This group includes occupations concerned with fabricating and repairing molded rubber and plastic footwear, and vulcanized rubber-solid fabric-top footwear, including rubbers, rubber boots, and galoshes. Footwear made from leather and other materials is included in Group 690 and Group 788.

753.381 BOOTMAKER, HAND (rubber goods)

753.487 CLASSIFIER (rubber goods)

753.587 SORTER (rubber goods)

753.687 CALENDER INSPECTOR (rubber goods)
INSPECTOR (rubber goods)
INSPECTOR, SAMPLE PARTS (rubber goods)

753.884 BED LASTER (rubber goods)
BUFFING-AND-SUEDING-MACHINE OPERATOR (rubber goods)
sueding-and-buffing-machine operator
CEMENTER, HAND (rubber goods)
Brush Marker (rubber goods)
DIPPER, NEOPRENE BOOT (rubber goods)
HAND LASTER (rubber goods)
Heel Laster (rubber goods)
Side Laster (rubber goods)
Toe Laster (rubber goods)
HOOKER-LASTER (rubber goods)
LASTER (rubber goods)
LAY-UP MAN (rubber goods)
stocklayer
MACHINE-MADE-SHOE UNIT WORKER (rubber goods)
Flash Trimmer (rubber goods)
Injector (rubber goods)
Insole Placer (rubber goods)
Insole Presser (rubber goods)
Molder (rubber goods)
Sprue Trimmer (rubber goods)
PULLER-LASTER (rubber goods)
laster, machine-made shoes
REPAIRER (rubber goods)
ROLLER-STITCHER (rubber goods)
WADER-BOOT-TOP ASSEMBLER (rubber goods)
boot-liner maker
suit maker

753.887 CLIPPER (rubber goods)
Clipper, Counters (rubber goods)
Clipper, Outside Back Stay (rubber goods)
Clipper, Tongues (rubber goods)
CUT-AND-COVER LINE WORKER (rubber goods)
DEBRANDER (rubber goods)
brander
rebrander
FITTER-PLACER (rubber goods)
FLOUR-STOCK MAN (rubber goods)
LAST-STRIPPER, HAND (rubber goods)
stripper, lasts
LAY-UP-MAN HELPER (rubber goods)
stocklayer's helper
MAKING-LINE WORKER (rubber goods)
assembler, rubber footwear
MOLD FILLER AND DRAINER (rubber goods)
MOLD-INSERT CHANGER (rubber goods)
PACKING-LINE WORKER (rubber goods)
SWAB MAKER (rubber goods)
WEAR TESTER (rubber goods)

754. **Occupations in Fabrication and Repair of Miscellaneous Plastics Products**

This group includes occupations concerned with bench molding, fitting, and finishing plastics and fiber glass products. Structural work is included in Division 80.

754.137 FOREMAN, SAMPLE (plastics mat.)
sample foreman

754.381 FABRICATOR, PLASTICS (fabric. plastics prod.)
INTERNAL CARVER (fabric. plastics prod.)
PATTERNMAKER, PLASTICS (fabric. plastics prod.)
jig and form maker
plug maker
PLASTICS BENCH MECHANIC (aircraft mfg.; fabric. plastics prod.)
thermoplastic fabricator
Canopy Assembler (aircraft mfg.)
Fiber Worker (aircraft mfg.)
Plexiglas Former (aircraft mfg.; fabric. plastics prod.)
Plexiglas Repairman (aircraft mfg.; fabric. plastics prod.)

754.884 ASSEMBLER (fabric. plastics prod.)
fabricator
Lay-Out and Storage Man (fabric. plastics prod.)
Seamer Operator (fabric. plastics prod.)
Spot Patcher (fabric. plastics prod.)
Tester (fabric. plastics prod.)
THERMOELECTRIC - HEAT - SEALING - MACHINE OPERATOR (trim. & stamp. art goods)
Tinseler (trim. & stamp. art goods)
ASSEMBLER-AND-GLUER, LAMINATED PLASTICS (fabric. plastics prod.)
BIT SHAVER (smoking pipe)
head facer
CASTER (fabric. plastics prod.)
pourer
DRILLER, HAND (button)
FINISHER, HAND (fabric. plastics prod.)
KNOCK-OUT MAN (fabric. plastics prod.)
LAMINATOR, PREFORMS (fabric. plastics prod.)
preformer, impregnated fabrics
squeegeer and former
MOLD LAMINATOR (ship & boat bldg. & rep.)
plug and mold finisher
PLASTIC LAY-UP MAN (mach. tool & access.)
plastic duplicator
PLASTICS FABRICATOR (aircraft mfg.)
REPAIRMAN (fabric. plastics prod.)
plastics repairman

754.887 FORM REPAIRMAN (rubber goods)
FORM-STRIP ASSEMBLER (rubber goods)
assembler
GLUER, WET SUIT (fabric. plastics prod.)
LABORER, GENERAL (fabric. plastics prod.)
Banana Spotter (fabric. plastics prod.)
Convention Badge Pin-Setter (fabric. plastics prod.)
Mold Cleaner (fabric. plastics prod.)
Oven Attendant (fabric. plastics prod.)
Pineapple-Top Assembler (fabric. plastics prod.)
Stripper (fabric. plastics prod.)
Tabber (fabric. plastics prod.)
Tray Loader (fabric. plastics prod.)
SEQUINS STRINGER (fabric. plastics prod.)

759. **Occupations in Fabrication and Repair of Plastics, Synthetics, Rubber, and Related Products, n.e.c.**

This group includes occupations, not elsewhere classified, concerned with fabricating and repairing plastics, synthetics, rubber, and related products.

759.137 FLOORLADY (rubber goods)
Floorlady, Assembling (rubber goods)
Floorlady, Printing (rubber goods)
Floorlady, Testing (rubber goods)

759.281 PROTOTYPE-DE-ICER ASSEMBLER (rubber goods)

759.381 RUBBER-GOODS TESTER (light, heat, & power)
safety-equipment tester

759.384 HOSE INSPECTOR AND PATCHER (rubber goods)
lead man, service department

759.387 QUALITY-CONTROL INSPECTOR (rubber tire & tube)

759.587 INSPECTOR AND TESTER (rubber goods)

759.684 EXPANSION-JOINT BUILDER (rubber goods)
Expansion-Joint Finisher (rubber goods)

759.687 CATHETER FINISHER AND INSPECTOR (rubber goods).
DEFECTIVE-HOSE INSPECTOR (rubber goods)
DE-ICER INSPECTOR, PNEUMATIC (rubber goods)
pneumatic-de-icer inspector
DE-ICER-KIT DUMPER (rubber goods)
kit dumper
kit-salvage man
FINAL INSPECTOR (rubber goods)
packing inspector
reinspector
HOSE INSPECTOR AND BUNDLER (rubber goods)
HOSE TESTER (rubber goods)
MATTING INSPECTOR (rubber goods)
Stair-Tread Inspector (rubber goods)
RUBBER-GOODS INSPECTOR-TRIMMER (rubber goods)
Inspector, Fuel Hose (rubber goods)
Molded-Goods Inspector-Trimmer (rubber goods)
Padded-Products Inspector-Trimmer (rubber goods)
Piston-Cup Inspector (rubber goods)
Rubber-Gasket Inspector-Trimmer (rubber goods)
V-Belt Inspector (rubber goods)
RUBBER-GOODS TESTER, WATER (rubber goods; rubber tire & tube)
Boot Tester (rubber goods)
Inner-Tube Tester (rubber tire & tube)
Rubber-Suit Tester (rubber goods)
Tube Tester, Water (rubber goods; rubber tire & tube)
WATER TESTER (rubber goods)

759.884 AIR-BAG BUILDER (rubber tire & tube) I
AIR-BAG BUILDER (rubber tire & tube) II
AIR-BAG RECOVERER (rubber tire & tube)
AIRPLANE-GAS-TANK-LINER ASSEMBLER (rubber goods)
BALL-UP MAN (rubber goods)
braider chief
braider setter
BASE-PLY MAN (rubber goods)
layer-out and roll-down man
BELT-BUILDER HELPER (rubber goods)
BUFFER (rubber goods; rubber tire & tube)
grinder
rubber buffer
Air-Bag Buffer (rubber tire & tube)
Tire Buffer (rubber tire & tube)
White-Sidewall-Tire Buffer (rubber tire & tube)
DE-ICER-KIT ASSEMBLER (rubber goods)
de-icer weighman
kit assembler
DE-ICER REPAIRMAN (rubber goods)
ice-guard repairman
De-Icer Repairman, Electric (rubber goods)
De-Icer Repairman, Pneumatic (rubber goods)
HOSE WRAPPER (rubber goods)
MOLD CLEANER (rubber tire & tube)
PATCHER, BOWLING BALL (sports equip.)
ROLL BUILDER (rubber goods)
ROLLER MAKER (print. & pub.)
RUBBER-GOODS REPAIRMAN (any ind.)
RUBBER LINER (mach. mfg.)
liner
rubber insulator
Tank Insulator, Rubber (mach. mfg.)
Valve Liner, Rubber (mach. mfg.)
SELF-SEALING-FUEL-TANK REPAIRMAN (rubber goods)
fuel cell repairman
SPLICER (rubber tire & tube)
cord splicer
ply splicer
stock roller
TUBE-AND-MANIFOLD BUILDER (rubber goods)
V-BELT BUILDER (rubber goods)
v-belt cutter

759.887 AIR-BAG DEWATER MAN (rubber tire & tube)
AIR-BAG REPAIRMAN (rubber tire & tube)
ASSEMBLY PREPAREMAN (rubber goods)
FINISHER (rubber goods)

759.887 Con. HOSE-COUPLING JOINER (rubber goods)
assembler-crimper
coupler
INFLATION TESTER (rubber goods)
Balloon Tester (rubber goods)
MATTRESS PLUGGER (rubber goods)
NET DUSTER (rubber goods)
RUBBER-REPAIR MAN (plastics mat.)
TUBE MAKER (paper goods) I
cellophane-bag maker

76 **OCCUPATIONS IN FABRICATION AND REPAIR OF WOOD PRODUCTS**

This division includes occupations concerned with fabricating and repairing complete wooden articles, or subassemblies of wooden structures, involving the use of wood working handtools and power tools.

760. **Bench Carpenters and Related Occupations**

This group includes occupations concerned with laying out stock and shaping, assembling, and smoothing wood articles, using saws, planers, and other carpentry tools.

760.884 BOX MAKER, WOOD (wood. box)
carpenter, box
case maker
crate builder
Box Repairman (wood. box) I

761. **Occupations in Laying Out, Cutting, Carving, Shaping, and Sanding Wood Products, n.e.c.**

This group includes occupations concerned with marking, cutting lines on stock, and bending, shaving, carving, sawing, and sanding wood products by using abrasives, handtools, templates, and other devices and materials.

761.130 FOREMAN, BRIAR SHOP (smoking pipe)

761.281 CARVER, HAND (furn.; plan. mill)
wood carver, hand
Skin Carver (furn.)

761.381 BOAT-OAR MAKER (woodworking)
JIG BUILDER (wood. box)
set-up man
LAST-MODEL MAKER (lasts & rel. forms)
model maker
LAY-OUT MAN (woodworking) I
SMOKING-PIPE MAKER (smoking pipe)
STOCK MAKER, CUSTOM (firearms)
gunstock repairman
outside repairman, special
shaper
stockman

761.684 PANEL-LAY-UP MAN (woodworking)
Piano-Sounding-Board Matcher (musical inst.)

761.781 MARQUETRY WORKER (furn.)
SKI MAKER, MACHINE (sports equip.)

761.884 BINDER AND BOX BUILDER (textile)
binder fixer
box-front man
DOOR PATCHER (plan. mill)
cripple-door patcher
GOLF-CLUB FACER (sports equip.)
facer
LATHE SANDER, HAND (woodworking)
lathe sander
Vacuum-Spindle Sander (furn.; shaped wood. art.)
LAY-OUT MAN (woodworking) II
band-saw marker
marker
pattern marker
Nailer (woodworking)
Veneer Marker (woodworking)
PLYWOOD PATCHER, HAND (veneer & plywood)
hot patcher, plywood
panel patcher
rough patcher, plywood
veneer inspector-repairer
veneer patcher
POLISHER (woodworking)
Last Polisher (lasts & rel. forms)
SANDER (smoking pipe)
hand sander
topper
Bit Sander (smoking pipe)
Bit-Top-Off Man (smoking pipe)
Bottom Sander (smoking pipe)
Bowl-Top-Off Man (smoking pipe)

761.864 SANDER (smoking pipe)
Con.
Fine Sander (smoking pipe)
Flusher (smoking pipe)
Putty-Knock-Off Man (smoking pipe)
Rough Sander (smoking pipe)
Shank Sander (smoking pipe)
SANDER, MACHINE (woodworking)
balloon sander
spool sander
variety sander
Belt Sander (woodworking)
Brush Sander (woodworking)
Disk Sander (woodworking)
Pneumatic-Drum Sander (woodworking)
Spindle Sander (woodworking)
Whip Sander (woodworking)
BOW SANDER, FINISH (sports equip.)
finish sander
SANDER, PORTABLE MACHINE (woodworking)
cleaner
clean-up man
hand sander
Puttyman (furn.)
SHAPER, HAND (furn.)
scraper, hand
STOCK CHECKERER (firearms) I
checker, hand
Borderer (firearms)
Carver and Checkerer, Specials (firearms)
REPAIRMAN AND CHECKERER (firearms)
STOCK PATCHER (firearms)
patcher-wood welder
stock repairman
STOCK SHAPER (firearms)
WHITTLER AND EYE ASSEMBLER (shaped wood. art.)
eye assembler and whittler
WOOD BUFFER (musical inst.)
761.887 PICTURE-FRAME-MAKER HELPER (mirror & pic. frames)
filler and sander
frame trimmer
joiner helper
sander
POWER-CHISEL OPERATOR (cut. tools)
featherer
SANDER, HAND (woodworking)
Finish Sander (woodworking)
First-Coat Sander (woodworking)

762. **Occupations in Assembling Wood Products, n.e.c.**

This group includes occupations, not elsewhere classified, concerned with fitting, joining, or interlacing wood products by using bolts, nails, rivets, screws, and adhesives.

762.684 BASKET FINISHER AND INSPECTOR (basketry)
mender
762.687 BOX INSPECTOR (wood. box)
assembling inspector
BOX REPAIRER (wood. box)
box repairman
box-shook patcher
patcher
BOX SQUARER (wood. box)
762.884 ASSEMBLER (wood. box)
ASSEMBLER OPERATOR (shaped wood. art.)
BABY-CARRIAGE ASSEMBLER (furn.)
baby-carriage maker
BAND EDGER (furn.)
veneer edge bander
BOX MAKER (mort. goods)
CABINET ASSEMBLER (furn.) I
CURTAIN-STRETCHER ASSEMBLER (shaped wood. art.)
DOOR ASSEMBLER (woodworking)
FOLDING-WOODEN-RULE MAKER (shaped wood. art.)
folding-rule maker
GRIP ASSEMBLER (shaped wood. art.)
LEVELER (shaped wood. art.)
NAILER, HAND (any ind.)
Box Maker, Wood (any ind.)
Box Repairer (any ind.)
Panel Maker (woodworking)
ORNAMENTER, HAND (mirror & pic. frames) I
SCARF GLUER (veneer & plywood)
762.887 AUTOMATIC-NAILING-MACHINE FEEDER (plan. mill)

762.887 BANDER (wood. box)
Con.
BAND NAILER (sawmill)
BAND NAILER (wood. box)
strap nailer
BOTTOM-END ASSEMBLER, MILK CRATE (wood. box)
BOTTOM-HALF ASSEMBLER, MILK CRATE (wood. box)
CLAMP-JIG ASSEMBLER (woodworking)
Hollow-Core Door-Frame Assembler (plan. mill)
Louver-Door Assembler (plan. mill)
CLAMP REMOVER (veneer & plywood)
Veneer Stacker (veneer & plywood)
CLEAT FEEDER (wood. box)
cleat thrower
COAT-HANGER ASSEMBLER (shaped wood. art.)
press feeder
CORE LAYER, PLYWOOD (veneer & plywood)
glue spreader helper
core builder, plywood
plywood builder
veneer layer
DOOR LAY-UP MAN (woodworking)
END NAILER (wood. box)
table nailer
GLUE-AND-WEDGE OPERATOR (shaped wood. art.)
wedge-and-glue operator
GLUEMAN (woodworking)
bottom gluer
glue capper
glue-press operator
gluer, hand
squeezer operator
Block Gluer (woodworking)
Box Gluer (wood. box)
Clamp Carrier Operator (woodworking)
Panel Maker (mort. goods)
Rotary-Clamp Operator (woodworking)
HANDLE ASSEMBLER (shaped wood. art.)
Saw-Handle Assembler (shaped wood. art.)
Shovel-Handle Assembler (shaped wood. art.)
Snath-Handle Assembler (shaped wood. art.)
HARDWARE ASSEMBLER (wood. box)
box-hinge and lock nailer
box nailer
top nailer
KNOCK-UP MAN (woodworking)
set-up man, sash and door
Door Assembler (plan. mill)
Sash Assembler (plan. mill)
LIDDER (any ind.)
box fastener
box nailer
box tier
case nailer
crate lidder
crate nailer
crater
nailer
MILK-CRATE ASSEMBLER (wood. box)
PARTITION ASSEMBLER (wood. box)
PIPE BUILDER, WOOD (wood preserving)
pipe assembler
REEL ASSEMBLER (woodworking)
ROD PLACER (wood. box)
rod setter
SCREEN TACKER (plan. mill)
Screen Roller (plan. mill)
SETTING-UP CLOSER (wood. box)
SETTING-UP FOLDER (wood. box)
SHEET TURNER (veneer & plywood)
STRAP NAILER (wood. box) II
THUMBER (wood. box)
partition fastener
thumb nailer
WIRE BENDER (wood. box)
WOODENWARE ASSEMBLER (shaped wood. art.)
assemblyman, woodenware
Towel-Rack Assembler (shaped wood. art.)

763. **Occupations in Fabrication and Repair of Furniture, n.e.c.**

This group includes occupations, not elsewhere classified, concerned with inlaying, installing, molding, weaving, polishing, and related activities concerned with fabricating and repairing furniture.

763.381 FURNITURE FINISHER (woodworking)
coater
furniture refinisher
recoater
refinisher
wood finisher
Antiquer (furn.)
Finisher, Special Stocks (firearms)
Piano-and-Organ Refinisher (woodworking)
Powder Gilder (mirror & pic. frames)
Television-Cabinet Finisher (woodworking)
Whitener (mirror & pic. frames)
FURNITURE-FINISHER APPRENTICE (woodworking)
wood-finisher apprentice
763.684 ASSEMBLY INSPECTOR (furn.)
inspector
STOCK-PARTS INSPECTOR (furn.)
inspector and patch man
parts inspector
putty-and-patch man
763.687 CHAIR INSPECTOR AND LEVELER (furn.)
FINISHED-STOCK INSPECTOR (furn.)
final inspector
Chair Inspector (furn.)
Finished Inspector (furn.)
Radio-and-Television-Cabinet Inspector (furn.)
Sofa Inspector (furn.)
763.884 CASE FITTER (furn.)
prefitter
Door Fitter (furn.)
Drawer Fitter (furn.)
CHAIR CANER, HAND (furn.) I
chair caner
seat weaver
CHAIR CANER, HAND (furn.) II
chair caner
DRAWER LINER (furn.)
FINISH PATCHER (furn.)
burner-in
burnt-end repairman
finish cleaner
finish repairman
refinisher
retoucher
touch-up man
Shellac Patcher (furn.)
Varnish Patcher (furn.)
FURNITURE ASSEMBLER (furn.)
parts assembler
Back Maker (furn.)
Base Assembly Man (furn.)
Bed Maker (furn.)
Case Topper (furn.)
Chair Assembler (furn.)
Desk Assembler (furn.)
Door Maker (furn.)
Drawer Builder (furn.)
End Maker (furn.)
Frame Maker (furn.)
Rail Maker (furn.)
Small Parts Assembler (furn.)
Table Assembler (furn.)
FLY FINISHER (musical inst.)
top-case assembler
SUBASSEMBLY MAN (furn.)
table-top assembler
HARDWARE ASSEMBLER (furn.)
mounter
upfitter
LAG SCREWER (furn.)
pin-machine operator
LAMINATOR, HAND (furn.)
LEATHER TOOLER (furn.)
PLASTIC-TOP ASSEMBLER (furn.)
PLASTIC-TOP INSTALLER (furn.)
TABLE-TOP TILE SETTER (brick & tile)

763.884 WICKER WORKER (furn.)
Con. Back Maker (furn.)
Chair Maker (furn.)
Rattan Worker (furn.)
Reed Worker (furn.)
Seat Maker (furn.) II
Skirt Maker (furn.)
Table Maker (furn.)
Willow Worker (furn.)
WOODEN-FRAME BUILDER (matt. & bedspring)
Box-Spring-Frame Builder (matt. & bedspring)
Studio-Couch-Frame Builder (matt. & bedspring)

763.887 BLOW-OFF MAN (furn.)
DRAWER WAXER (furn.)

764. Cooperage Occupations

This group includes occupations concerned with laying out stock and shaping, assembling, and smoothing barrels, casks, and similar containers.

764.131 COOPERAGE-SHOP FOREMAN (cooperage)

764.387 MATERIAL INSPECTOR (cooperage)
stave grader
stave inspector

764.687 BARREL INSPECTOR, SLACK (cooperage)
keg inspector
BARREL INSPECTOR, TIGHT (cooperage)
air tester
barrel tester and drainer
final inspector
final tester
keg inspector
CULLER (cooperage)
barrel-stave inspector
stave inspector and culler
stave matcher
LOG INSPECTOR (sawmill) I
log culler

764.884 BARREL BRANDER (cooperage)
BARREL CHARRER (cooperage)
barrel burner
charrer
charring-room worker, barrel
Head Charrer (cooperage)
BARREL RAISER (cooperage)
barrel maker
keg raiser
raiser
setter-up
setting-up-and-windlass-machine operator
set-up man
COOPER (cooperage)
barrel repairman
shop cooper
Slack Cooper (cooperage)
Tight Cooper (cooperage)
HOGSHEAD COOPER (cooperage) I
cask maker
SETTER-UP, BUCKET (cooperage)
setter-up, pail
setter-up, tub
TANK ASSEMBLER (cooperage)
set-up man
tank cooper
Circular-Tank Cooper (cooperage)
Rectangular-Tank Cooper (cooperage)
Tank-Bottom Assembler (cooperage)
Tank-Stave Assembler (cooperage)
TUB BEVELER (cooperage)
TUB MENDER (cooperage)
WOODEN-HOOP MAKER (cooperage)
hooper
hoop fastener
hoop maker
hoop stapler
hoop-stapling-machine operator
nailer, wooden hoop
stapler

764.887 AIR FILLER (cooperage)
ASSEMBLER (cooperage)
BARREL-CHARRER HELPER (cooperage)
charrer helper
charring-room-worker helper, barrel
BARREL DRAINER (cooperage)

764.887 BARREL LINER, HAND (cooperage)
Con. barrel paraffiner
paraffining man
pitch coater
pitch filler
wax liner
BARREL LINER, SPRAY (cooperage)
barrel sizer
paraffiner
paraffining man
pitcher
BARREL MARKER (cooperage)
barrel roller
BARREL-RAISER HELPER (cooperage)
raiser helper
setting-up-and-windlass-machine-operator helper
BARREL WATERER (cooperage)
water tester
BUCKET-BOTTOM SETTER (cooperage)
tub-bottom setter
BUNG DRIVER (cooperage)
BUNGHOLE REAMER (cooperage)
CHANNEL INSTALLER (cooperage)
COOPER HELPER (cooperage)
barrel-repairer helper
barrel-repairman helper
hand-cooper helper
HEADER (cooperage)
headerman
header operator
header-up
head setter
slack-barrel header-up
HEADING MATCHER AND ASSEMBLER (cooperage)
doweler
head assembler
heading assembler and matcher
heading matcher
heading pinner
HEADING REPAIRER (cooperage)
HOGSHEAD COOPER (cooperage) II
hogshead set-up man
patented-hogshead assembler
HOGSHEAD COOPER (cooperage) III
hogshead builder
HOGSHEAD HOOPER (cooperage)
hooper
HOOP NAILER (cooperage)
HOOP REMOVER, HAND (cooperage)
knocker-off
light-hoop-driver helper
truss remover
LEAK HUNTER (distilled liquors)
cooper
leakman
patch man
repairman
LEVELER MAN (cooperage)
barrel leveler
hoop hammerer
leveler
PLUGGER (cooperage)
ROUGH-BOTTOM PILER (cooperage)

769. Occupations in Fabrication and Repair of Wood Products, n.e.c.

This group includes occupations, not elsewhere classified, concerned with fabricating and repairing wood products.

769.130 FOREMAN, FABRICATION (mirror & pic. frames)

769.137 STOCKING AND BOX-SHOP FOREMAN (firearms)

769.281 AIRPLANE WOODWORKER (aircraft mfg.)
assembler
assemblyman
bench assembler
major assembler
Center-Section Assembler (aircraft mfg.)
Fin Assembler (aircraft mfg.)
Rib Builder (aircraft mfg.)
Skin Man, Wood (aircraft mfg.)
Spar Builder (aircraft mfg.)
Stabilizer Assembler (aircraft mfg.)
Wing Assembler (aircraft mfg.)

769.381 COMPO CASTER (mirror & pic. frames)
ornamenter, hand

769.587 WOODWORK-SALVAGE INSPECTOR (firearms)
salvage inspector, wood parts

769.684 CANOE INSPECTOR, FINAL (ship & boat bldg. & rep.)
SHUTTLE INSPECTOR (shaped wood. art.)

769.687 BASKET GRADER (basketry)
BOBBIN INSPECTOR (shaped wood. art.)
FINAL INSPECTOR, SHUTTLE (shaped wood. art.)
INSPECTOR (woodworking)
SORTER (cork prod.) II
cork sorter
VENEER-STOCK GRADER (basketry; wood. box)

769.781 MOLD MAKER (brick & tile; conc. prod.)
carpenter, mold
mold-forms builder
patternmaker

769.884 BENCH HAND (ammunition)
BENDER, HAND (woodworking)
JOINT GLUER, VENEER (veneer & plywood)
OIL DIPPER (shaped wood. art.)
REEL MAN (wire; wirework)
REPAIRMAN, ASSEMBLED WOOD PRODUCTS (woodworking)
Repairman, Picture Frame (mirror & pic. frame)
Repairman, Sash and Door (plan. mill)
Repairman, Wood Furniture (furn.)
SHAKER REPAIRMAN (corn prod.)
VENEER LAYER (aircraft mfg.)
WEAVER (basketry)
basket maker
wicker worker
Hamper Maker (basketry)
Market-Basket Maker (basketry)
Rattan Worker (basketry)
Willow Worker (basketry)

769.887 PAD-MACHINE OFF-BEARER (excelsior)
PAD TAPER (excelsior)
PUTTY BOY (wood. box)
SHIM SETTER (woodworking)
patch setter
SMOKING-PIPE LINER (smoking pipe)
VENEER-EDGE GLUER, HAND (veneer & plywood)
edge gluer, veneer
WOODWORKING-SHOP HAND (woodworking)
heading-jointer-operator helper
mill laborer
millman helper
woodworking-shop laborer

77 OCCUPATIONS IN FABRICATION AND REPAIR OF SAND, STONE, CLAY, AND GLASS PRODUCTS

This division includes occupations concerned with handcraft and related activities involving specialized handtools and power tools used in grading, cutting, and polishing precious or semiprecious stones, including natural or synthetic gems, jewel bearings, and diamond wire-drawing dies; cutting and polishing ornamental and structural stone; forming, decorating, and finishing porcelain, pottery, tiles, and other ceramic products; molding, shaping, and decorating artistic and laboratory glassware, pressed lenses, and other handmade glass products; and producing commercial or industrial abrasives.

770. Occupations in Fabrication and Repair of Jewelry, Ornaments, and Related Products

This group includes occupations concerned with precious and semiprecious, natural and synthetic, ornamental and industrial stones, gems, jewel bearings, and diamond dies.

770.131 JEWEL FOREMAN (clock & watch)

770.281 DIAMOND CUTTER (jewelry)
brilliandeer
girdler
lopper
DIAMOND SELECTOR (jewelry)
diamond assorter
diamond grader
GEM CUTTER (jewelry)
cutter
lapidary
INDUSTRIAL-DIAMOND POLISHER (jewelry)
diamond polisher

770.287 DIAMOND EXPERT (jewelry)

770.381 BEAD MAKER (jewelry)
glass-bead maker
glass blower

770.381 JEWEL-BEARING MAKER (jewelry)
Con. ROLLED-GOLD PLATER (jewelry)
plater
SPOTTER (jewelry)
770.781 DIAMOND CLEAVER (jewelry)
cleaver
splitter
DIAMOND-DIE POLISHER (clock & watch; wire)
die cutter, diamond
die polisher
DIAMOND DRILLER (clock & watch; jewelry)
driller, fine-diamond dies
FINISHER, FINE-DIAMOND DIES (jewelry)
JEWEL BLOCKER AND SAWYER (clock & watch)
jewel sawyer
LATHE OPERATOR (jewelry)
sawyer
OLIVING-MACHINE OPERATOR (clock & watch)
jewel-oliving-machine operator
PHONOGRAPH-NEEDLE-TIP MAKER (phonograph)
grinder, needle tip
needle grinder
single-pointed operator
SAPPHIRE-STYLUS GRINDER (phonograph)
770.884 BEVELER, ENDSTONE CAP (clock & watch)
FACER (jewelry)
FLAT SURFACER, JEWEL (clock & watch)
jewel polisher
JEWEL-BEARING BROACHER (jewelry)
broacher
pinner, jewel bearing
JEWEL-BEARING DRILLER (jewelry)
JEWEL-BEARING FACER (jewelry)
flat-grinder operator
JEWEL-BEARING GRINDER (jewelry)
JEWEL-BEARING POLISHER (jewelry)
JEWEL-BEARING TURNER (jewelry)
JEWEL-CORNER-BRUSHING-MACHINE OPERATOR (clock & watch)
brushing-machine operator, jewel corner
JEWEL-CUPPING-MACHINE OPERATOR (clock & watch)
JEWEL GRINDER (clock & watch) I
TURNER, MACHINE (jewelry)
770.887 ARTIFICIAL-PEARL MAKER (jewelry)
pearl dipper
pearl maker
Cutter (jewelry) II
Toothpicker (jewelry)
ARTIFICIAL-PEARL-MAKER HELPER (jewelry)
pearl-dipper helper
GAGER (jewelry)
PULVERIZER (jewelry)
cracker
enamel cracker
enamel pulverizer
SAWYER (jewelry) I

771. **Stone Cutters and Carvers**

This group includes occupations concerned with cutting, shaping, and finishing granite, slate, marble, and other types of stone.

771.281 STENCIL CUTTER (stonework)
blaster
rubber cutter
shape carver
STONE CARVER (const.; stonework)
cutter, hand
decorator
hand carver
sculptor
stone carver, hand
stonecutter, carving, cutting, lettering, and engraving
stonecutter, hand
Granite Carver (stonework)
Marble Carver (stonework)
Monument Carver (stonework)
STONE-CARVER APPRENTICE (const.; stonework)
stonecutter apprentice
771.381 STONECUTTER, HAND (stonework)
chisel worker
curb cutter
cutter, hand
stone dresser
stone finisher
stoneworker

771.381 Building Stonecutter (stonework)
Con. Curbing Stonecutter (stonework)
Granite Cutter (stonework)
Marble Cutter (stonework)
Monument Stonecutter (stonework)
STONECUTTER, FREESTONE (const.)
freestone cutter
771.884 BEVELER (stonework)
COPER, HAND (stonework)
cutter
marble coper
MILLER, HEAD, ASSISTANT, WET PROCESS (corn prod.)
stonecutter, assistant
ROCK SPLITTER (stonework)
block maker
driller
rubbleman
Paving-Block Cutter (stonework)
SLATE SPLITTER (stonework)

772. **Glass Blowing, Pressing, Shaping, and Related Occupations, n.e.c.**

This group includes occupations, not elsewhere classified, concerned with such handmade products as art glassware, laboratory apparatus, and tableware. Occupations concerned with such machine mass produced products as bottles and light-bulb blanks are included in Group 575.

772.281 GLASS BLOWER, LABORATORY APPARATUS (glass prod.; inst. & app.)
glass technologist
772.381 GLASS BENDER (signs)
glass blower
glass-tube bender
LAY-OUT MAN (signs) I
patternmaker
WARE FINISHER (glass mfg.)
glassware finisher
772.884 CUTTER-DOWN (glass mfg.)
glass cutter-down
stem cutter
GLASS-BLOWING-LATHE OPERATOR (glass prod.)
GLASS-NOVELTY MAKER (glass prod.)
HOT-WIRE GLASS-TUBE CUTTER (glass prod.)
WARM-IN BOY (glass mfg.)
WATCH-CRYSTAL MAN (glass prod.)
772.887 BREAKER, SPRUES (glass mfg.)
breaker, castings
crack-off man
knocker-off
HOT-METAL WORKER (glass mfg.)
glass technologist
Ball Holder (glass mfg.)
Blow-Up Boy (glass mfg.)
Carrying-In Boy (glass mfg.)
Catching-Out Boy (glass mfg.)
Crack-Off Boy (glass mfg.)
Mold Holder (glass mfg.)
Turn-Out Boy (glass mfg.) I

773. **Occupations in Coloring and Decorating Brick, Tile, and Related Products**

This group includes occupations concerned with such coloring and decorating tasks as printing designs on brick, tile, and related products, and arranging tiles into designs for use as table tops, flooring, and similar purposes.

773.134 PASTER FOREMAN (brick & tile)
773.381 TILE DECORATOR (brick & tile)
decorator
773.884 COLORER (brick & tile)
hand decorator
top-tile decorator
PASTER (brick & tile)
tile paster
PRINTER (pottery & porc.)
773.887 DECORATOR (glass mfg.; glass prod.) II
stencil applicator
squeegee operator

774. **Occupations in Fabrication and Repair of Pottery and Porcelain Ware**

This group includes occupations concerned with forming, decorating, and finishing pottery and porcelain ware.

774.130 FOREMAN, CLAY SHOP (pottery & porc.)
774.281 MODEL MAKER (pottery & porc.)
modeler
patternmaker

774.381 PRESSER, HAND (pottery & porc.)
molder
Flatware Presser (pottery & porc.)
Hollow-Ware Presser (pottery & porc.)
SANITARY PRESSER (pottery & porc.)
THROWER (pottery & porc.)
clay thrower
pot maker
potter
Saggerman (pottery & porc.)
774.387 INSPECTOR (pottery & porc.)
selector
774.687 PRINT INSPECTOR (pottery & porc.)
decorator inspector
774.884 BISQUE CLEANER (pottery & porc.)
bisque finisher
bisque grader
grinder
scourer
scraper
DIPPER (pottery & porc.)
glazer
painter
slipper
FINISHER (pottery & porc.) I
fettler
shaper
sponger
Flatwork Finisher (pottery & porc.)
Handle Finisher (pottery & porc.)
HANDLER (pottery & porc.)
cup handler
cup sticker
handle sticker
sticker-up
JIGGERMAN (pottery & porc.)
jigger operator
pot maker
potter
Jiggerman, Automatic (pottery & porc.)
JOLLIER (pottery & porc.)
slush jollier
PLASTER-DIE MAKER (pottery & porc.)
ram-die maker
SAGGER MAKER (pottery & porc.)
STICKER-ON (stat. & art goods)
TURNER (pottery & porc.)
WARE DRESSER (pottery & porc.)
back grinder
back polisher
buffer
chipper
dresser
polisher
sander
774.887 BISCUIT-WARE STOPPER (pottery & porc.)
bisque-ware stopper
JIGGERMAN HELPER (pottery & porc.)
LACER (stat. & art goods)
WARE CLEANER (pottery & porc.)
finisher

775. **Grinding, Filing, Polishing, Frosting, Etching, Cleaning, and Related Occupations, n.e.c.**

This group includes occupations concerned with grinding, filing, polishing, frosting, etching, cleaning, and similar working of sand, stone, clay, and glass products.

775.131 FOREMAN, CONCRETE-STONE FINISHING (conc. prod.)
finishing foreman
775.281 SURFACE-PLATE FINISHER (stonework)
775.381 ENGRAVER (glass prod.; mirror)
flower cutter
glassware engraver
miter cutter
wheel engraver
Copper-Wheel Engraver (glass prod.; mirror)
Steel-Wheel Engraver (glass prod.; mirror)
Stone-Wheel Engraver (glass prod.; mirror)
GLASS-DECORATOR (glass mfg.; glass prod.)
decorator
Glass Etcher (glass mfg.; glass prod.)
Sandblaster, Glass (glass mfg.; glass prod.)

775.687 INSPECTOR, GLASS OR MIRROR (mirror)
face cleaner
glass inspector
mirror inspector
Mirror-Cleaner Inspector (mirror)
STOCK SHEETS CLEANER INSPECTOR (mirror)

775.884 BEVELER (glass mfg.; mirror) I
Rougher (mirror)
Smoother (mirror)
EDGER, HAND (glass mfg.; mirror)
Diamond-Wheel Edger (mirror)
EDGE-TOUCH-UP MAN (mirror)
GLASS CALIBRATOR (glass prod.)
engraver
GLASS CUTTER (any ind.)
cutter
pattern cutter
straight cutter
GLASS-ETCHING-TECHNICIAN (inst. & app.)
GLASS FINISHER (glass prod.)
GLASS GRINDER (glass mfg.)
Glass Rougher (glass mfg.)
GLASS GRINDER (glass prod.)
GLASS GRINDER, LABORATORY APPARATUS (inst. & app.)
GLASS POLISHER (glass mfg.)
glass buffer
glass smoother
GLASS SANDER, BELT (mirror)
belt seamer
sander
LEVEL-VIAL MARKER (cut. tools)
glass marker
MARK-UP MAN (glass mfg.; mirror)
POLISHER (mirror)
Edge Polisher (mirror)
Engraving Polisher (mirror)
Scratch Polisher (mirror)
STENCIL CUTTER (glass prod.)
STONE POLISHER, HAND (stonework)
buffer
polisher, hand
stone finisher
stone rubber
Granite Polisher, Hand (stonework)
Marble Polisher, Hand (stonework)
WATCH-CRYSTAL EDGE GRINDER (glass prod.)
edge grinder, machine

775.887 FINISHER (stat. & art goods)
GLASS CUTTER, MACHINE (glass mfg.)
GLASS DRILLER (glass mfg.)
GOLD BURNISHER (pottery & porc.)
MIRROR CLEANER (mirror)
glass cleaner
MIRROR-GLASS-CUTTER HELPER (mirror)
STOPPER GRINDER (glass mfg.)
WIPER (glass mfg.)

776. Occupations in Fabrication and Repair of Asbestos and Polishing Products, Abrasives, and Related Materials

This group includes occupations concerned with such activities as blending, coating, cutting, gluing, and forming asbestos and polishing products, abrasives, and related materials.

776.487 GRINDING-WHEEL INSPECTOR (abrasive & polish. prod.)

776.684 LABORATORY TECHNICIAN (abrasive & polish. prod.)

776.687 INSPECTOR (asbestos prod.)
inspector, brake lining

776.884 ABRASIVE-STONE CUTTER, HAND (abrasive & polish. prod.)
chipper
GRINDING-WHEEL DRESSER (any ind.)
cutter-down
dresser man
grinding-wheel resurfacer
stone dresser
wheel dresser
Emery-Wheel Dresser (any ind.)
POLISHING-WHEEL SETTER (any ind.)
wheel setter

776.887 BELT MAKER (abrasive & polish. prod.)
sleeve maker
sleeve wheel maker

777. Modelmakers, Patternmakers, Moldmakers, and Related Occupations

This group includes occupations concerned with building clay or plaster models and patterns of one-of-a-kind or mass-produced products made of metallic or plaster materials; and making molds used in casting or forming such items as three-dimensional maps, trophies, or jewelry.

777.381 EAR-MOLD LABORATORY TECHNICIAN (fabric. plastics prod.)
MODEL-AND-MOLD MAKER (brick & tile)
MODEL-AND-MOLD MAKER, PLASTER (conc. prod.)
Model Maker, Plaster (conc. prod.)
Mold Maker, Plaster (conc. prod.)
PATTERNMAKER APPRENTICE, PLASTER (aircraft mfg.)
model-maker apprentice, plaster
plaster-pattern-caster apprentice
PATTERNMAKER, PLASTER (aircraft mfg.)
model maker
plaster-pattern caster
PLASTER MOLDER (found.) I
patternmaker, pressure cast
senior plaster molder
PLASTER-PATTERN CASTER (aircraft mfg.; mach. tool & access.)
patternmaker, plaster
plaster man
RELIEF-MAP MODELER (any ind.)
three-dimensional-map modeler
SAND TESTER (found.)
sand technologist

777.781 MOLD MAKER (jewelry)II
MOLD MAKER (pottery & porc.)
block and case maker
blocker
caser

777.884 FORM MAKER, PLASTER (fabric. plastics prod.)
molder
slusher
MOLD MAKER (stat. & art goods)
molder

779. Occupations in Fabrication and Repair of Sand, Stone, Clay, and Glass Products, n.e.c.

This group includes occupations, not elsewhere classified, concerned with fabricating and repairing sand, stone, clay, and glass products.

779.131 FOREMAN (stat. & art goods)

779.134 FOREMAN, MICA PROCESSING (minerals & earths)

779.281 CLAY MODELER (any ind.)

779.381 GLAZIER, STAINED GLASS (glass prod.)
glazier artist
INSPECTOR, RAW QUARTZ (electronics)
raw-quartz inspector
mother-crystal classifier
Quartz Orienter (electronics)
REPAIRMAN, ART OBJECTS (any ind.)
TRACER (const.; stonework)
decorator

779.387 FINAL INSPECTOR (mirror)
INSPECTOR (wallboard)

779.687 DECORATING INSPECTOR (glass mfg.)
inspector
MICA INSPECTOR (minerals & earths)
inspector

779.781 MOSAIC WORKER (glass prod.; stat. & art goods)

779.884 BANDER, HAND (glass mfg.; glass prod.)
CONCRETE-FITTINGS MAN (conc. prod.)
CONCRETE-PIPE MAKER (conc. prod.)
poured-pipe maker
Cage Tier (conc. prod.)
Form Oiler (conc. prod.)
Form Stripper and Assembler (conc. prod.)
Vibrator Man (conc. prod.)
FETTLER (brick & tile)
tile edger
GLASS-LINED TANK REPAIRMAN (malt liquors)
tank refinisher
tank repairman
LEVEL-VIAL SEALER (cut. tools)
capper
MICA GAGER (elec. equip.; minerals & earths)
gager

779.884 Con. MICA SPLITTER (minerals & earths)
splitter
MIRROR SPECIALIST (mirror; mirror & pic. frames)
MIRROR WORKER (mirror)
glass worker
MODEL MAKER, TERRA COTTA (brick & tile)
PATTERNMAKER (glass prod.)
PIPE FINISHER (brick & tile)
corrugator
finisher
PLASTER MAKER (stat. & art goods)
caster
Plaque Maker (stat. & art goods)
PLASTIC MOLDER (model & pattern)
SECOND CUTTER (glass mfg.)
glass breaker
glass cutter, hand
Lehr Cutter (glass mfg.)
Warehouse Cutter (glass mfg.)
STONE REPAIRER (stonework)
sticker

779.887 BACKER (mirror)
mirror backer
BREAKER (glass prod.; mirror)
glass breaker
CARTRIDGE LOADER (elec. equip.)
CELL ASSEMBLER (plastics mat.)
mold maker
END FINDER, ROVING DEPARTMENT (glass mfg.)
creel selector
mat selector
roving selector
END FINDER, TWISTING DEPARTMENT (glass mfg.)
twisting-tube selector
GLASS-BULB SILVERER (glass prod.)
TAPE-MOLD MAKER (plastics mat.)
WAXER (glass prod.)
glass-etcher helper

78 OCCUPATIONS IN FABRICATION AND REPAIR OF TEXTILE, LEATHER, AND RELATED PRODUCTS

This division includes occupations concerned with laying out, marking, and cutting materials; hand-sewing or machine-sewing parts of mass-produced products, such as drapes, slip covers, sheets, pillowcases, and ready-to-wear apparel; fitting and stitching made-to-measure garments and accessories; hand knitting complete garments, garment parts, or accessories; hand weaving and embroidering to embellish or repair garments and accessories; fabricating footwear, except molded rubber and plastics; and other activities concerned with fabricating or repairing garments, canvas goods, house furnishings, and related products.

780. Occupations in Upholstering and in Fabrication and Repair of Mattresses, and Bedsprings

This group includes occupations concerned with upholstering such products as furniture, automobile seats, and caskets, and forming, stuffing, and assembling padding, mattresses, and bedsprings.

780.131 FOREMAN, CUTTING-AND-SEWING DEPARTMENT (furn.)
Foreman, Cutting Department (furn.)
Foreman, Sewing Department (furn.)

780.134 FOREMAN, COVERING AND LINING (mort. goods)

780.137 FOREMAN, MATTRESS AND BOX SPRINGS (matt. & bedspring)
Foreman, Border Department (matt. & bedspring)
Foreman, Cutting and Sewing Room (matt. & bedspring)
Foreman, Finishing Department (matt. & bedspring)
FOREMAN, UPHOLSTERY DEPARTMENT (any ind.)

780.381 AUTOMOBILE UPHOLSTERER (auto. ser.)
top-and-trim man
upholstery man
Body Trimmer (auto. ser.)
Bus Upholsterer (auto. ser.)
Top Installer (auto. ser.)

780.381 Con. AUTOMOBILE-UPHOLSTERER APPRENTICE (auto. ser.)
passenger-car-upholsterer apprentice
upholsterer apprentice
FURNITURE UPHOLSTERER (any ind.)
furniture repairman
upholsterer
upholstery repairman
Cornice Upholsterer (any ind.)
UPHOLSTERER (r. r. trans.)
FURNITURE-UPHOLSTERER APPRENTICE (any ind.)
furniture-repairman apprentice
upholsterer apprentice
SLIPCOVER CUTTER (house furn.; ret. tr.)

780.587 SORTER, UPHOLSTERY PARTS (furn.)
bundler
upholstery bundler
upholstery handler

780.684 TRIMMING ASSEMBLER (furn.)
cover assembler

780.687 COVER INSPECTOR (furn.)
assembler-inspector
inspector
Cushion-Cover Inspector (furn.; house furn.)
Suite-Cover Inspector (furn.)
INSPECTOR (matt. & bedspring)
MATTRESS INSPECTOR (rubber goods)
checker

780.781 HEARSE UPHOLSTERER (auto. mfg.)
PAD HAND (leather prod.)
pad cutter and assembler

780.884 AUTOMOBILE-SEAT-COVER-AND-CONVERTIBLE-TOP INSTALLER (auto. ser.)
automobile-upholstery-trim installer
top-and-seat-cover fitter
BACK PADDER (furn.)
upholsterer helper
BAND-TOP MAKER (matt. & bedspring)
band-top assembler
BOX-SPRING MAKER (matt. & bedspring)
box-spring rebuilder
spring man
BOX-SPRING TOPPER (matt. & bedspring)
box-spring coverer
topper
CASKET COVERER (mort. goods)
casket trimmer
Body Coverer (mort. goods)
Cap Coverer (mort. goods)
Panel Coverer (mort. goods)
Top Coverer (mort. goods)
Top-Frame Coverer (mort. goods)
CASKET LINER (mort. goods)
casket upholsterer
CHAIR UPHOLSTERER (furn.)
chair trimmer
COTTON DISPATCHER (furn.)
CRUSHER (mort. goods)
crushing fixer
smocker
CUSHION BUILDER (auto. mfg.)
back builder
seat coverer
CUSHION BUILDER (furn.)
upholsterer
CUSHION MAKER (furn.) I
cushion assembler
cushion filler
cushion-mat maker
mat maker
pad maker
CUSHION MAN (furn.)
cushion maker
cushion stuffer
machine stuffer, automatic
upholstery helper
EDGE ROLLER (furn.)
FABRICATOR, FOAM RUBBER (matt. & bedspring; rubber goods)
assembler
cementer
foam fabricator

780.884 Con. MATTRESS-FILLING-MACHINE TENDER (matt. & bedspring)
filler-machine operator
Crib-Pad Maker (matt. & besdpring)
MATTRESS FINISHER (matt. & bedspring)
finisher, hand
stitcher, hand
Roll-Edge Man, Hand (matt. & bedspring)
Side-Stitcher (matt. & bedspring)
MATTRESS MAKER (matt. & bedspring)
PADDER, CUSHION (furn.)
seat cover man
seat padder
PANEL COVERER, METAL FURNITURE (furn.)
side-piece coverer
Back-Panel Padder (furn.)
Inside-Panel Padder (furn.)
Side-Panel Padder (furn.)
PANEL MAKER (furn.)
panel coverer
POCKETED-SPRING ASSEMBLER (matt. & bedspring)
mattress-spring assembler
racker
SEWING-IN OPERATOR (matt. & bedspring)
mattress-spring encaser
SLIP-SEAT COVERER (furn.)
slip-seat maker
upholsterer
SPRING ASSEMBLER (furn.; matt. & bedspring)
coil placer
coil-spring assembler
spring builder
spring man
Bedspring Assembler (matt. & bedspring)
Chair-Spring Assembler (furn.; matt. & bedspring)
Cushion-Spring Assembler (furn.; matt. & bedspring)
RIMMER (matt. & bedspring)
SPRING CLIPPER (furn.)
SPRINGER (furn.)
hand-tier
springer-up
spring man
spring setter
spring tacker
spring tier
spring upholsterer
spring-up man
STUFFING-MACHINE OPERATOR (auto. mfg.; matt. & bedspring)
pad maker
TESTER, CONVERTIBLE SOFA BEDSPRING (matt. & bedspring)
TUFTER (matt. & bedspring)
button tufter
pad tufter
tufter operator
UPHOLSTERER (furn.) II
upholsterer, assembly line
Arm Maker (furn.)
Back Maker (furn.)
Finish-Off Operator (furn.)
Metal-Chair Upholsterer (furn.)
Seat Maker (furn.) I
UPHOLSTERY CUTTER (furn.; ret. tr.)
cloth cutter
cover cutter
cutter-spreader
fabric cutter
hand cutter
machine cutter
upholstery-cover patternmaker
UPHOLSTERY REPAIRMAN (furn.)
UPHOLSTERY TRIMMER (furn.)
gimp tacker
skirt girl
trimmer
WEBBING TACKER (furn.)
WIRE-BORDER ASSEMBLER (furn.; matt. & bedspring)
topper

780.887 BORDER MEASURER AND CUTTER (matt. & bedspring)
border measurer

780.887 Con. CLIP-AND-TURN MAN (matt. & bedspring)
trimmer
CUSHION CLEANER (furn.)
FEATHER-CUTTING-MACHINE OPERATOR (house furn.)
FEEDER (house furn.)
feather feeder
kapok feeder
FILLER (house furn.) I
stuffer
Comforter Filler (house furn.)
Cushion Filler (house furn.)
Down Filler (house furn.)
HASSOCK MAKER (house furn.)
MATTRESS-SPRING ENCASER (matt. & bedspring) II
spring encaser
MATTRESS STRIPPER (matt. & bedspring)
POCKETED-SPRING INSERTER (auto. mfg.; furn.)
Pocketed-Spring Turner (auto. mfg.; furn.)
SPRING COVERER (furn.)
STAPLER, HAND (matt. & bedspring)
wire stitcher, hand
Stapler, Coil Unit (matt. & bedspring)
STUFFER (house furn.) I
TUFTER, HAND (matt. & bedspring)
button tufter
pad tufter
UPHOLSTERER HELPER (any ind.)
UPHOLSTERY CLEANER (furn.)
cleaner
furniture cleaner
inspector helper
spotter
Steam Cleaner (furn.)

781. Laying Out, Marking, Cutting, and Punching Occupations, n.e.c.

This group includes occupations, not elsewhere classified, concerned with laying out, marking, cutting, and punching garment, canvas goods, and house furnishing parts from single or multiple layers of material preparatory to piecing up, fitting, and stitching or machine-sewing.

781.132 FOREMAN, CUTTING DEPARTMENT (garment)

781.281 BLUE-PENCIL MAN (garment)
dopster
okay man
SAIL-LAY-OUT MAN (canvas goods)
layer-out

781.381 CARTOON DESIGNER (embroid.)
DESIGNER AND TEMPLATE MAKER, COVERINGS (aircraft mfg.)
PATTERN CUTTER (garment)
board cutter
electric-shear operator
grader
pattern grader
PATTERNMAKER (furn.; garment; tex. prod., n.e.c.)

781.484 MARKER (any ind.) I
blocker-out
charter
lay marker
lay-out man
pattern marker
Canvas Marker (canvas goods)
Dress Marker (garment)
Hat Marker (hat & cap)
Shirt Marker (garment)

781.684 CUTTING INSPECTOR (house furn.)
PANTS MARKER (ret. tr.)
WASTE SALVAGER (garment)
small-piece cutter

781.687 ASSEMBLER (garment; glove & mit.)
assorter
bundle tier
feeder
fitter, factory
folder
garment bundler
matcher
piecer-up
tier
CLOTH EXAMINER, HAND (textile)
fabric inspector
finished-cloth checker

781.687 Con.
shader and folder
Cloth-Colors Examiner (textile)
Cloth-Cutting Inspector (textile)
CUTTER HELPER (glove & mit.)
DRAPER (garment; knit goods)
Coat Draper (garment)
Dress Draper (garment)
GLOVES-PARTS INSPECTOR (glove & mit.)
leather-piece inspector
LINING MATCHER (garment)
lining spreader
matcher

781.781 LEATHER STAMPER (leather prod.)
decorator
leather tooler
tooler
Spanisher (leather prod.)

781.884 BEDSPREAD CUTTER (house furn.) I
electric-cutter operator
thread cutter
tuft cutter
CUTTER APPRENTICE, HAND (any ind.)
CUTTER, HAND (any ind.) II
Awning Cutter, Hand (canvas goods; ret. tr.)
Backer Cutter, Hand (boot & shoe)
Bedspread Cutter (house furn.) II
Brim Cutter (hat & cap) II
Canvas Cutter (canvas goods; garment)
Cap-Visor Cutter (hat & cap)
Coat Cutter (garment)
Collar Cutter, Hand (garment; leather prod.)
Cover Cutter, Hand (boot & shoe)
Curtain Cutter (house furn.)
Drapery Cutter, Hand (house furn.; ret. tr.)
Dress Cutter (garment)
Flag Cutter, Hand (canvas goods)
Garment Cutter, Hand (garment)
Glove Cutter (glove & mit.; leather prod.)
Gusset Cutter, Hand (garment)
Harness Cutter (leather prod.)
Hat-Shape Cutter (hat & cap)
Lace Cutter (garment)
Leather Cutter (any ind.)
Lining Cutter, Hand (garment)
Lining-Parts Cutter (leather prod.)
Necktie Cutter (garment)
Pants Cutter (garment)
Riding-Saddle Cutter (leather prod.)
Sample Cutter (garment)
Sheepskin-Collar Cutter (garment)
Sheepskin Cutter (garment)
Shirtwaist Cutter (garment)
Suit Cutter (garment)
Sweatband Cutter (hat & cap)
Tab Cutter (knit goods)
Tarpaulin Cutter, Hand (canvas goods)
Tent Cutter, Hand (canvas goods)
Trimming Cutter, Hand (boot & shoe)
Umbrella-Covering Cutter, Hand (umbrella)
Women's-Garment Cutter (garment; ret. tr.)
BLANKET CUTTER (textile)
MATCH-UP CUTTER (garment)
bad-work girl
recut girl
repair girl
CUTTER, HAND (any ind.) IV
Applique Cutter (embroid.; trim. & stamp. art goods)
Armhole Cutter (knit goods)
Bottom Cutter (garment)
Brim Shaper (hat & cap) II
Canvas Trimmer (garment)
Coat Shaper (garment)
Collar-and-Coat-Edge Trimmer (garment)
Collar Preparer (garment)
Crown Shaper (hat & cap)
Front Cutter (knit goods)
Felt-Hat Cutter (hat & cap)
Lace Trimmer (garment)

781.884 Con.
Mail-Order Cutter (garment)
Medallion Cutter (embroid.)
Neck Trimmer (knit goods)
Pants Trimmer (garment)
Parachute-Skirt Trimmer (tex. prod., n.e.c.)
Pocket Cutter (garment)
Preparer (hat & cap) II
Scallop Cutter, Hand (embroid.)
Sleeve-Lining Trimmer (garment)
Vest-Joint Cutter (garment)
Vest-Neck Cutter (garment)
Vest Shaper (garment)
Wigan Cutter (garment)
CUTTER, HAND (knit goods)
slitter
CUTTER, MACHINE (any ind.) I
cloth-cutting-machine operator
electric-knife operator
pattern cutter
Awning Cutter, Machine (canvas goods)
Cap Cutter (hat & cap)
Circular-Knife Cutter (any ind.)
Cloth-and-Leather Cutter (aircraft mfg.; auto. mfg.)
Collar Cutter, Machine (garment)
Collar Trimmer (garment)
Cover Cutter (house furn.; matt. & bedspring)
Drapery Cutter, Machine (house furn.)
Dress Cutter, Machine (garment)
Fitted-Sheet Cutter (textile)
Flag Cutter, Machine (canvas goods)
Garment Cutter, Machine (garment)
Gusset Cutter, Machine (garment)
Handkerchief Cutter (garment)
Hat-Lining Cutter (hat & cap)
Satin Cutter (hat & cap)
Sleeve Cutter, Machine (garment)
Straight-Knife Cutter (any ind.)
Tarpaulin Cutter, Machine (canvas goods)
Tent Cutter, Machine (canvas goods)
Umbrella-Covering Cutter, Machine (umbrella)
Upholstery Cutter (auto. mfg.)
CUTTER, ROTARY SHEAR (textile)
LAY-OUT-MACHINE OPERATOR (house furn.)
tabler
PERFORATOR (embroid.; trim. & stamp. art goods)
pattern-perforating-machine operator
PLEAT PATTERNMAKER (trim. & stamp. art goods)
PUNCHER (garment)
notcher
RUG CLIPPER (carpet & rug)
carver
nap clipper
rug cutter
SAIL CUTTER (canvas goods)
SCALLOP TRIMMER (knit goods; textile)
trimming-machine operator
SKIRT-TRIMMING-MACHINE OPERATOR (garment)
SPREADER (any ind.) II
layer up
machine spreader
TABLE GIRL (ret. tr.)
TRIM-STENCIL MAN (auto. mfg.)
pattern-punching-machine operator
stencil maker

781.887 CLOTH TEARER (garment; textile)
tearer
Cloth Tearer For Sheets (textile)
CUTTER, HAND (any ind.) I
Band Cutter (knit goods)
Cloth Cutter (mort. goods; textile)
Elastic Cutter, Hand (knit goods)
Lacing Cutter (synthetic fibers)
Shoelace Cutter (narrow fabrics)
Shroud-Line Cutter (tex. prod., n.e.c.)
Suspension-Cord Cutter (tex. prod., n.e.c.)
Venetian-Blind-Tape Cutter (window shade & fix.)

781.887 Con.
CUTTER, HAND (any ind.) III
dinker
mallet-and-die cutter
Felt-Pad Cutter (artif. flower)
Glove Cutter (glove & mit.; leather prod.)
Petal Cutter (artif. flower)
CUTTER HELPER (any ind.)
pull-off girl
FELT CUTTER (optical goods)
GOODS LAYER (textile)
cloth layer-out
lay-out man
LAY-UP MAN (toys & games)
MARKER (garment; knit goods)
Buttonhole Marker (garment; knit goods)
Button Marker (garment; knit goods)
Fastener Marker (knit goods)
MARKING-PRESS OPERATOR (knit goods)
MARKING STITCHER (garment)
MATCH MARKER (garment)
flap and welt marker
POCKET MARKER (garment; knit goods)
RIBBON-CUT-OFF MAN (narrow fabrics)
SHOELACE-CUTTING-MACHINE OPERATOR (narrow fabrics)
cutting-machine operator
SPREADER (any ind.) I
cloth layer
cloth spreader
STAMPER (trim. & stamp. art goods)
STENCILER (garment)
dart marker
stamper
TRIMMER, HAND (any ind.)
clipper
finisher
hand clipper
table worker
Clock Trimmer (hosiery)
Cloth Trimmer, Hand (textile)
Facing-End Trimmer (knit goods)

782. Hand Sewers, Menders, Embroiders, Knitters, and Related Occupations, n.e.c.

This group includes occupations, not elsewhere classified, concerned with basting, trimming, stitching, and related handwork to join, shape, decorate, finish, or repair garments and accessories or related products. Price being the controlling factor, this work is most extensively performed on fine-quality garments and tailored apparel.

782.381 CORSET FITTER (ret. tr.)
corset-alteration woman
EMBROIDERY PATTERNMAKER (ret. tr.; whole. tr.)
ORIENTAL-RUG REPAIRMAN (any ind.)

782.687 PARACHUTE INSPECTOR (tex. prod., n.e.c.)
Canopy Inspector (tex. prod., n.e.c.)
Hem Inspector (tex. prod., n.e.c.)
Shroud-Web Inspector (tex. prod., n.e.c.)
SEAT-PACK INSPECTOR (tex. prod., n.e.c.)
Accessories Inspector (tex. prod., n.e.c.)
Back-Pad Inspector (tex. prod., n.e.c.)

782.781 HAT TRIMMER (clean., dye., & press.)
seamstress, hats
LINING FINISHER (clean., dye., & press.)
lining sewer
PATCHER (per. ser.)
block inserter
mender
repairer
RUG REPAIRER (clean., dye., & press.)
rug repairman
rug sewer
WEAVER, HAND (per. ser.)
french weaver
inweaver
overweaver
repair weaver
reweaver
section weaver
thread weaver

782.782 KNITTING-MACHINE OPERATOR, HAND (knit goods) I
knitter, hand

782.884 CANVAS-COVER REPAIRMAN (any ind.)
awning-and-tent repairman
canvas repairer
canvas worker
tent-and-awning repairman
CROCHETER, HAND (knit goods)
crochet hand
EMBROIDERER, HAND (garment; hoisery; knit goods; trim. & stamp. art goods)
decorator, hand
hand embroiderer
Initial Maker (garment)
Quilt Sewer, Hand (house furn.)
FABRIC WORKER (aircraft mfg.)
balloon-envelope repairman
FISH-NET STRINGER (cord. & twine)
net hanger
slugger
Gill-Net Stringer (cord. & twine)
Webbing Seamer, Pound Net (cord. & twine)
FLOOR GIRL (trim. & stamp. art goods)
pinner
GARMENT MENDER (knit goods)
knit mender
mender, hand
GARMENT RIPPER, ALTERATIONS (ret. tr.)
ripper
GLOVE SEWER, HAND (glove & mit.)
HEMMER, HAND (carpet & rug)
rug hemmer
HOSIERY MENDER (hosiery; per. ser.)
darner
hosiery repairer
mender, hand
mender, machine
Finish Mender (hosiery)
Grey Mender (hosiery)
KNITTER, HAND (tex. prod., n.e.c.)
MATCH-UP GIRL (garment) II
damage cutter
thread cutter
Corset Repairer (garment)
MENDER (textile)
cloth-seconds reworker
darner
PASSEMENTERIE WORKER (trim. & stamp. art goods)
fringer, hand
sewer, hand
RUG HOOKER, HAND (carpet & rug)
RUG MENDER (fiber rugs)
rug finisher
SEAMSTRESS (clean., dye., & press.; laund.)
mender
SEWER, HAND (any ind.)
alteration hand
assembler
bander
band sewer
bench worker
garment finisher
garment sewer, hand
hand stitcher
hand tacker
hat-band sewer
hat trimmer
needle worker
stitcher, hand
table worker. sewing
trimmer
Armhole Baster, Hand (garment)
Band Tacker (hat & cap)
Baster, Hand (garment)
Bow Attacher (garment)
Bow Tacker (hat & cap)
Buttonhole Maker, Hand (garment; knit goods)
Buttonhole Tacker (garment)
Button Sewer, Hand (garment)
Canvas Maker (garment)
Clip-On-Tie Maker (garment)
Coat Baster (garment)
Collar Feller (garment)
Collar Tacker (garment)
Crotch-Piece Baster (garment)
Crotch-Stay Sewer (garment)
Dress Finisher (garment)

782.884 Con.
Dressmaker (garment)
Edge Maker (garment)
Fagoter (garment) II
Feller, Hand (garment)
Finisher, Hand (garment)
French-Fly Sewer (garment)
Fur-Collar Sewer (garment)
Garter Sewer (garment)
Hem Baster (garment)
Hook-and-Eye Attacher (garment)
Label Sewer, Hand (garment)
Lace Sewer, Hand (garment)
Lapel Baster (garment)
Lapel Padder (garment)
Lining Attacher (hat & cap) I
Lining Baster, Hand (garment)
Lining Finisher (garment)
Neck Feller (garment)
Necktie Maker (garment)
Opera-Hat Binder (hat & cap)
Padder (garment)
Pants Baster (garment)
Pants-Crotch-Piece Baster (garment)
Shirt Tailor (garment)
Sleeve Baster (garment)
Sleeve-Bottom Feller (garment)
Sleeve Maker, Hand (garment)
Snap Sewer (garment)
Straw-Hat Trimmer (hat & cap)
Sweatband Fitter (hat & cap)
Tacker (garment)
Top-Collar Baster (garment)
Trimming Finisher (garment)
Uniform-Cap Repairer (hat & cap)
Vest Baster (garment)
Vest-Button Sewer, Hand (garment)
Wigan Baster (garment)
SHIRRER, HAND (house furn.)
WEAVER, HAND (narrow fabrics; textile)
endless-belt finisher
splicer

782.887 BASTING PULLER (garment; knit goods)
basting cleaner
brusher
bushel girl
cleaner
end drawer
finisher
table girl
BOW TIER (knit goods)
BUTTONER (garment; knit goods)
CLOTH-BALE HEADER (textile)
bale coverer
burlapper
LAUNDRESS (knit goods)
NETTING INSPECTOR (cord. & twine)
inspector and mender
mender
PINNER (embroid.; garment)
Lace Pinner (embroid.; garment)
PULLER-THROUGH (glove & mit.)
RAVELER (knit goods)
RIPPER (knit goods; tex. prod., n.e.c.)
RUG BRAIDER, HAND (fiber rugs)
braided rug maker
SACK REPAIRMAN (any ind.)
bag patcher
sack mender
SECONDS MAN (knit goods)
seconds handler
TAPE STRINGER (knit goods)
braider
draw-string inserter
draw-string operator
lacer, hand
ribboner
ribbon stringer
taper
THREAD MARKER (garment)
basting marker
TIPPER (knit goods)

783. **Fur Working Occupations**

This group includes occupations concerned with cutting, piecing, shaping, and sewing prepared skins of fur-bearing animals to fit, alter, finish, or repair fur or fur-lined garments and accessories.

783.131 FOREMAN, FURRIER SHOP (fur goods)
Fur Finisher, Head (fur goods)
783.381 FUR FINISHER (fur goods)
fur seamstress
fur tailor
Fur Liner (fur goods)
783.387 FUR-REPAIR INSPECTOR (ret. tr.)
Coat-Repair Inspector (ret. tr.)
FUR SORTER (fur goods)
fur grader
matcher, fur
783.781 FUR CUTTER (fur goods)
783.884 FLESHER, HAND (fur dressing)
fur scraper
hide cleaner
pelt scraper
Rabbit Flesher (fur dressing)
FUR BLENDER (fur dressing)
fur dyer
fur tinter
Fur Striper (fur dressing)
ORLON-PILE BLENDER (garment)
FUR NAILER (fur goods)
FUR PLUCKER (fur dressing)
plucker
FUR POINTER (fur dressing)
FUR STAYER (fur goods)
783.887 FUR RIPPER (fur goods)
FUR TRIMMER (fur goods)
STICKER (hat & cap)
sticker-on

784. **Occupations in Fabrication and Repair of Hats, Caps, Gloves, and Related Products**

This group includes occupations concerned with working textile and leather materials into hats, caps, gloves, and related products.

784.130 FOREMAN, CAP-AND-HAT PRODUCTION (hat & cap)
Felt-Finishing Foreman (hat & cap)
Foreman, Back Shop (hat & cap)
Foreman, Body Department (hat & cap)
Foreman, Braid Department (hat & cap)
Foreman, Finishing Department (hat & cap)
Foreman, Harvest-Hat Department (hat & cap)
Foreman, Sewing Department (hat & cap)
784.281 MILLINER (ret. tr.)
hat maker
millinery maker
women's-hat maker
784.381 PATTERNMAKER (hat & cap)
caster
mold maker
plaster whittler
whittling-room man
whittling-room operator
784.387 INSPECTOR (hat & cap)
brusher
hat measurer
passer
racker
repairer
selector
trimmer
Brim-Rounding-and-Trimming Inspector (hat & cap)
Harvest-Hat Inspector (hat & cap)
Hat-Body Inspector (hat & cap)
Hat-Cone Inspector (hat & cap)
Paint Inspector (hat & cap)
Pressroom Inspector (hat & cap)
Raw-Skin Inspector (hat & cap)
Size Checker (hat & cap)
Sweatband Inspector (hat & cap)
Trimming Inspector (hat & cap)
Woven-Paper-Hat Inspector (hat & cap)
784.485 LEATHER CUTTER (glove & mit.)
glove cutter
784.687 FUR SORTER (hat & cap)
mounter
HAT-BODY SORTER (hat & cap)
weight-outer

784.687 Size Marker (hat & cap)
Con. Woven-Paper-Hat Grader (hat & cap)
SHADER, BUNDLER, AND COUNTER (leather prod.)
shading and bundling counter
WEIGHER (hat & cap)
cone trimmer
peeler
table girl
784.781 HAT MAKER (hat & cap)
assembler
pinner
Hat-Designer Helper (hat & cap)
784.884 ASSEMBLER, HANDBAGS (leather prod.)
BAND-AND-CUFF CUTTER (glove & mit.)
rotary cutter
BRIM IRONER, HAND (hat & cap)
blocker
brim buster
brim-circling operator
brim-ironing operator
brim plater
brim-plating boy
brim setter
curler
hat-brim curler, hand
ironer
plater
shackler
Felt-Hat-Brim-Ironing Operator (hat & cap)
Opera-Hat-Brim Curler (hat & cap)
Straw-Hat Welter (hat & cap)
CAP MAKER (hat & cap)
cap-machine operator
cap operator
Dress-Cap Maker (hat & cap)
Uniform-Cap Operator (hat & cap)
DECORATION MAKER (hat & cap; motion pic.)
flower maker
ornament maker
trimming maker
DECORATOR (hat & cap)
copyist
finisher, hand
hat trimmer
trimmer, hand
trimming milliner
women's-hat trimmer
Ladies'-Hat Trimmer (hat & cap)
FLANGER (hat & cap)
brim flanger
brim shaper
flanging operator
hat-brim curler
Felt-Hat-Flanging Operator (hat & cap)
Panama-Hat Flanger (hat & cap)
Wool-Hat Flanger (hat & cap)
FOUNDATION GIRL (hat & cap; knit goods)
steamer-blocker
FOUNDATION MAKER (hat & cap)
Wire-Shape Maker (hat & cap)
GLOVE REPAIRER (per. ser.)
glove-repair clerk
HARDENER (hat & cap) I
hand hardener
manual hardener
HAT BRAIDER (hat & cap)
MENDER (hat & cap)
Woven-Paper-Hat Mender (hat & cap)
ROUNDER, HAND (hat & cap)
brim cutter
brim-cutting operator
brim rounder
clean-cut-brim operator
clear-cut-brim operator
die cutter
hand trimmer
rounding boy
Welt Trimmer (hat & cap)
Woven-Paper-Hat-Hemming-Trimmer Operator (hat & cap)
SILK-TOP-HAT-LINING MAKER (hat & cap)
silk-hat liner
SIZER, HAND (hat & cap)
hand sizer
sizer

784.884 SIZER, MACHINE (hat & cap)
Con. multi-roll feeder
regular sizer
stumper
stumping-machine operator
wetter-down
Felt-Hat-Body Starter (hat & cap)
TOP-HAT-BODY MAKER (hat & cap)
silk-top-hat body maker
OPERA-HAT TIPPER (hat & cap)
TOP-HAT-LINING MAKER (hat & cap)
silk-hat liner
TRIMMER (hat & cap) I
cap finisher, hand
finishing operator
floor trimmer
784.887 ASSEMBLER (hat & cap) I
auxiliary woman
bundler
floor girl
preparer
sorter
stock girl
table worker
trim preparer
Band Cutter (hat & cap)
Felt-Hat Assembler (hat & cap)
Flower Girl (hat & cap)
Hat-Trim-Material Cutter (hat & cap)
Straw-Braid Sorter (hat & cap)
BEADER, HAND (leather prod.)
BRIM RAISER (hat & cap)
steam finisher
straw-hat-brim-raiser operator
straw-hat finishing operator
CARROTER (hat & cap)
brusher, hand
CROWN POUNCER, HAND (hat & cap)
felt-hat pouncing operator, hand
hand pouncer
pouncer
EAR-MUFF ASSEMBLER (hat & cap)
ENDBAND CUTTER, HAND (hat & cap)
endbander
endband sizer
sizing endbander
FLOORLADY, MILLINERY (hat & cap)
distributor
floor supervisor
FRAMER (hat & cap)
body-maker helper
pegger
HAT LACER (hat & cap)
Novelty-Hat Lacer (hat & cap)
Western-Hat Lacer (hat & cap)
LINING ATTACHER (hat & cap) II
cementer
liner
lining sewer
paster
tipper operator
LURER (hat & cap)
felt finisher
hat shiner, hand
slicker
slicking operator, hand
wiper
Slicking-Lathe Operator (hat & cap)
OPENER (hat & cap) I
OPERA-HAT-BRIM COVERER (hat & cap)
PACKER (hat & cap)
Felt-Hat Inspector and Packer (hat & cap)
Straw-Hat Inspector (hat & cap)
PASTER (hat & cap) I
brush paster
Japan paster
Tip Paster (hat & cap)
PASTER (hat & cap) II
PASTER, HAND OR MACHINE (leather prod.)
POWDERER (hat & cap)
SINGER (hat & cap)
SIZER, BELTS (leather prod.)
SMOKE-ROOM OPERATOR (hat & cap)
STRAW-HAT BRUSHER (hat & cap)
STRAW-HAT-WASHER OPERATOR (hat & cap)
stiff-straw-hat washer
Steamer (hat & cap)

784.887 WIRE INSERTER (hat & cap)
Con.

785. Tailors and Dressmakers

This group includes occupations concerned with performing all tasks required to design and produce finished made-to-measure garments or to perform specialized stitching and machine-sewing requiring tailoring skill in the manufacture or alteration of ready-made or tailored apparel.

785.261 MASTER TAILOR (garment; ret. tr.)
custom tailor
journeyman tailor
made-to-measure tailor
tailor
Coat Fitter (garment)
Coat Tailor (garment)
Try-On Baster (garment)
TAILOR APPRENTICE, CUSTOM (garment; ret. tr.)
made-to-measure-tailor apprentice
master-tailor apprentice
785.281 ALTERATION TAILOR (garment; per. ser.; ret. tr.)
alterer
busheler
bushelman
clothes mender
clothes repairer
mender
Pants Bushelman (garment; per. ser.; ret. tr.)
Tailor, Men's Ready-To-Wear (garment; per. ser.; ret. tr.)
Tailor, Women's-Garment Alteration (garment; per. ser.; ret. tr.)
Vest Bushelman (garment; per. ser.; ret. tr.)
TAILOR APPRENTICE, ALTERATION (garment; per. ser.; ret. tr.)
alterer apprentice
785.361 DRESSMAKER (any ind.)
785.381 MEN'S-GARMENT FITTER (ret. tr.)
SAMPLE STITCHER (garment)
assembler
sample maker
sample maker, original
sample tailor
SEAMSTRESS (any ind.)
mender
Alteration Woman (any ind.)
SEAMSTRESS, LINEN ROOM (hotel & rest.)
sewing-room woman
Bed-Linen Seamstress (hotel & rest.)
Seamstress, Drapery (hotel & rest.)
SEAMSTRESS, WOMEN'S GARMENT ALTERATIONS (ret. tr.)
alteration finisher
alteration hand
cloak fitter
dress hand
dressmaker, women's-alteration department
dress worker
garment finisher
gown worker
seamstress
stockwork finisher
tailoress
tailor, ladies'
tailor, women's garments
women's-clothing finisher
women's-garment alterer
SHOP TAILOR (garment; ret. tr.)
finisher
tailor
Canvas Maker (garment)
Coat Baster (garment; ret. tr.)
Coat Padder (garment)
Collar Setter (garment)
Lapel Padder (garment)
Sleeve Tailor (garment)
Suit Finisher (garment)
Top-Collar Maker (garment)
Undercollar Baster (garment)
Undercollar Maker (garment)
Vest Tailor (garment)
TAILOR APPRENTICE, SHOP (garment; ret. tr.)
finisher-tailor apprentice
shop-tailor apprentice

785.381 Con. WOMEN'S-GARMENT FITTER (ret. tr.)
dress and coat fitter
ladies' ready-to-wear fitter
ladies'-wear fitter
women's-clothing fitter
women's-garment-alteration fitter

786. Sewing Machine Operators, Garment

This group includes occupations concerned with machine-sewing garments (garments as defined in GARMENT INDUSTRY).

786.134 FOREMAN, INSPECTION DEPARTMENT (garment)

786.782 SEWING-MACHINE OPERATOR, REGULAR EQUIPMENT (garment)
joiner
power-sewing-machine operator
sewer, machine
stitcher
stitcher, machine
stitching-machine operator
Apron Maker (garment)
Armhole Baster (garment)
Back Seamer (garment)
Band Maker (garment)
Bathing-Suit-Trunk Sewer (garment)
Bottom Feller (garment)
Box-Pleat Sewer (garment)
Bridle Sewer (garment)
Buckle Sewer (garment)
Canvas and Padding Sewer (garment)
Coat-Hood Maker (garment)
Coat Joiner (garment)
Collar Maker (garment)
Collar Padder (garment)
Crotch Joiner (garment)
Crotch Seamer (garment)
Cuff Maker (garment)
Cuff Seamer (garment)
Dart Sewer (garment)
Facing Sewer (garment)
Facing Tacker (garment)
Fly Maker (garment)
Gore Maker (garment)
Gusset Sewer (garment)
Hanger Sewer (garment)
Inseamer (garment)
Label Sewer (garment)
Lapel Maker (garment)
Lapel Seamer (garment)
Leather-Collar Sewer (garment)
Leg Seamer (garment)
Lining Feller (garment)
Lining Sewer (garment)
Neck-Band Setter (garment)
Neck-Band Sewer (garment)
Necktie Liner (garment)
Overall-Bib Maker (garment)
Overall-Pants Sewer (garment)
Padder (garment)
Pants Maker (garment)
Pocket Closer (garment)
Pocket Facer (garment)
Pocket-Flap Maker (garment)
Rule-Pocket Maker (garment)
Sewing-Machine Operator, Cotton Garments (garment)
Sewing-Machine Operator, Leather Garments (garment)
Sewing-Machine Operator, Lingerie (garment)
Sewing-Machine Operator, Men's Tailored Garments (garment)
Sewing-Machine Operator, Rubber Garments (garment)
Sewing-Machine Operator, Style Garments (garment)
Sewing-Machine Operator, Women's Coats and Suits (garment)
Sewing-Machine Operator, Work Clothing (garment)
Shirt Sewer (garment)
Shoulder Seamer (garment)
Side-Pocket Facer (garment)
Side Seamer (garment)
Skirt Maker (garment)
Sleeve-Lining Sewer (garment)
Sleeve Seamer (garment)
Suspender Liner (garment)
Tape-Blind Stitcher (garment)

786.782 Con.
Vest-Lining Maker (garment)
Waist-Band-Lining Sewer (garment)
Waist-Band Sewer (garment)
Welt Sewer (garment)
Yoke Sewer (garment)
ARMHOLE RAISER (garment)
BELT MAKER (garment)
belt sewer
BINDER (garment) I
tape stitcher
Armhole Binder (garment)
Collar-Band Sewer (garment)
Collarette Sewer (garment)
Neck Binder (garment)
Panel Binder (garment)
Placket Binder (garment)
EDGER (garment)
edge-cutting-machine operator
whipper, edge
Back Edger (garment)
Bottom Edger (garment)
Cuff Edger (garment)
Flap Edger (garment)
Front Edger (garment)
Gusset Edger (garment)
Neck Edger (garment)
Pants Edger (garment)
Pocket Edger (garment)
Sleeve Edger (garment)
Suspender Edger (garment)
Tubing Edger (garment)
ELASTIC ATTACHER (garment)
elastic back sewer
elastic-band sewer
elastic spreader
FAGOTING-MACHINE OPERATOR (garment) I
fagoter
FAGOTING-MACHINE OPERATOR (garment) II
fagoter
trimming stitcher
FELLER, MACHINE (garment)
felling-machine operator
fell operator
Bib-and-Back Feller (garment)
Blouse Feller (garment)
Coat-Body Feller (garment)
Seat Feller (garment)
Shoulder-Seam Joiner (garment)
Sleeve Feller (garment)
FUR-JOINER OPERATOR (garment)
Leather-Collar Maker (garment)
Shearling Sewer (garment)
GATHERING-MACHINE OPERATOR (garment)
flounce sewer
gatherer
ruffler-machine operator
HEMMER (garment)
flat-hem-machine operator
hemming-machine operator
plain hemmer
Armhole Hemmer (garment)
Bottom Hemmer (garment)
Collar-Band Hemmer (garment)
Drawers Hemmer (garment)
Front Hemmer (garment)
Gusset Hemmer (garment)
Shirt Hemmer (garment)
Skirt Hemmer (garment)
Sleeve Hemmer (garment)
Strap Hemmer (garment)
HEMSTITCHING-MACHINE OPERATOR (garment)
INSERTER (garment)
Cording Inserter (garment)
Cord Piper (garment)
Elastic-Machine Operator (garment)
Elastic-Suspender Maker (grament)
MATCH-UP GIRL (garment) I
mender
repairer
PATCHER (garment)
patch sewer
shield sewer
Appliquer (garment)
Buttonhole Stayer (garment)

786.782 Con.
Button Stayer (garment)
Elbow Patcher (garment)
Underarm-Shield Sewer (garment)
PIPING-MACHINE OPERATOR (garment)
spaghetti maker
PLEAT SEWER (garment)
SCALLOPER (garment)
SETTER, GARMENT PARTS (garment)
Back-Pocket Attacher (garment)
Collar Attacher (garment)
Cuff Attacher (garment)
Inset-Pocket Setter (garment)
Overall-Side-Pocket Stitcher (garment)
Pocket Setter (garment)
Sleeve Setter (garment)
SEWING-MACHINE OPERATOR (ret. tr.)
Coat Finisher (ret. tr.)
SHELL-STITCH-MACHINE OPERATOR (garment)
shell finisher
shell-machine operator
shell stitcher
SHIRRING-MACHINE OPERATOR (garment)
shirrer
Smocking-Machine Operator (garment)
STRAP-MACHINE OPERATOR (garment)
strap maker
STRIP SEWER (garment)
Belt-Loop Sewer (garment)
Belt Setter (garment)
Garter-Tab Sewer (garment)
Loop Sewer (garment)
Strap Sewer (garment)
Suspender Strapper (garment)
TAPING-MACHINE OPERATOR (garment)
binder
piper
tape-master operator
tape sewer
trim-master operator
Armhole-Tape Sewer (garment)
Back Facer (garment)
Band Attacher (garment)
Blind-Piping-Machine Operator (garment)
Boning Taper (garment)
Border Attacher (garment)
Braid Sewer (garment)
Button Facer (garment)
Buttonhole Facer (garment)
Button-Strip Sewer (garment)
Crotch-Tape Sewer (garment)
Display Sewer (garment)
Drawers Facer (garment)
Edged-Tubing Sewer (garment)
Edge Taper (garment)
Facer (garment)
Festooner (garment)
Fly Facer (garment)
Lace Attacher (garment)
Placket Facer (garment)
Ribbon-Machine Operator (garment)
Scallop Attacher (garment)
Sleeve Facer (garment)
Tubing Attacher (garment)
TOP STITCHER (garment)
TUCKING-MACHINE OPERATOR (garment)
Pin-Tuck-Machine Operator (garment)
TUFT-MACHINE OPERATOR (garment)
needle-punch operator
overlay operator
ZIPPER SEWER (garment)

786.885 SEWING-MACHINE OPERATOR, SPECIAL EQUIPMENT (garment)
BUTTONHOLE-MACHINE OPERATOR (garment)
buttonhole finisher
buttonhole maker, machine
buttonholer
buttonhole sewer
CIRCULAR-STITCH OPERATOR (garment)
swirl-machine operator
Brassiere Maker (garment)
EMBROIDERY-MACHINE OPERATOR (garment)
EYELET-MACHINE OPERATOR (garment) I
eyelet operator
eyeletter

786.885 Con.
FASTENER-SEWER-MACHINE OPERATOR (garment)
Button-Sewing-Machine Operator (garment)
Collar-Button Sewer (garment)
Cuff-Button Sewer (garment)
Eyelet-Machine Operator (garment) II
Front-Button Sewer (garment)
Pants-Button Sewer, Machine (garment)
Pocket-Flap-Button Sewer (garment)
Shank-Button-Sewing-Machine Operator (garment)
Snap-Fastener-Machine Operator (garment)
Suspender-Button Sewer (garment)
GIMP-BUTTONHOLE-MACHINE OPERATOR (garment)
eyelet-buttonhole-machine operator
SLIP-STITCH-MACHINE OPERATOR (garment)
TACKING-MACHINE OPERATOR (garment)
Adjustable-Strap Sewer (garment)
Budder (garment)
Cuff Tacker (garment)
Diagonal Tacker (garment)
Fly Tacker (garment)
Hanger Tacker (garment)
Label Tacker (garment)
Pocket Tacker (garment)
TAILORED-BUTTONHOLE-MACHINE OPERATOR (garment)
piped-buttonhole-machine operator

787. Sewing Machine Operators, Nongarment

This group includes occupations concerned with machine-sewing textile, leather, fur, and related products, except garments as defined in GARMENT INDUSTRY.

787.132 FOREMAN, SEWING ROOM (mort. goods)
FOREMAN, STITCHING DEPARTMENT (trim. & stamp. art goods)

787.138 FOREMAN, SEWING DEPARTMENT (carpet & rug)

787.381 LAMP-SHADE SEWER (fabric. prod., n.e.c.)

787.782 CARPET SEWER (ret. tr.)
sewing-machine operator, carpets
Binding Sewer, Hand (ret. tr.)
Fringe Sewer, Carpet (ret. tr.)
DARNING-MACHINE OPERATOR (hosiery; laund.)
EMBROIDERY-MACHINE OPERATOR (any ind.)
braiding-machine operator
cording-machine operator
embroiderer, machine
lettering girl
monogramist
monogram-machine operator
monogram-machine seamstress
Bonnaz-Machine Operator (garment; trim. & stamp. art goods)
Cloth Numberer (textile)
Corder (garment; trim. & stamp. art goods)
Full-Fashioned-Hose Embroiderer (hosiery)
Letterer (garment)
CLOCK-MACHINE OPERATOR (hosiery)
clocker
clocking-machine operator
clock tender
EXAMINER MENDER (tex. prod., n.e.c.)
MENDER (carpet & rug; house furn.)
patcher
MENDER (embroid.)
PUFFING-MACHINE OPERATOR (any ind.)
puffer
SAMPLE MENDER (embroid.)
SAMPLE PROCESSOR (fiber rugs)
sample maker
SEWING-MACHINE OPERATOR, ALL AROUND (any ind.)
floor girl
floor lady
lead girl
SEWING-MACHINE OPERATOR, REGULAR EQUIPMENT (any ind.)
ASBESTOS-CLOTH SEWER (asbestos prod.)

787.782 Con.
BAG-AND-SACK SEWER (tex. bag)
bag patcher
bag sewer
canvas-bag sewer
Snuff-Bag Repairer (tex. bag)
BIAS-CLOTH RUFFLER (tex. prod., n.e.c.)
ruffler
BINDER (any ind.) II
binder operator
binder sewer
binding-machine operator
binding sewer
taper
tape stitcher
taping-sewing-machine operator
Band-Lining Bander (hat & cap)
Blanket Binder (textile)
Ear-Flap Binder (hat & cap)
Fitted-Sheet Binder (textile)
Flap-Lining Binder (hat & cap)
Helmet Binder (hat & cap)
Parachute Taper (tex. prod., n.e.c.)
Pot-Holder Binder (textile)
Screen-Vent Binder (hat & cap)
Soft-Hat Binder (hat & cap)
BINDING-END STITCHER (fiber rugs)
BRIM STITCHER (hat & cap) I
BRIM-WELT-SEWING-MACHINE OPERATOR (hat & cap)
brim-hem-sewing-machine operator
brim-welt-machine operator
machine welter
welt sewer
Paper-Hat-Brim-Welt Operator (hat & cap)
BUCKRAM SEWER (house furn.)
CAP SIZER (hat & cap)
size-band sewer
sizer operator
Burlap-Size-Band Sewer (hat & cap)
Plastic-Size-Band Sewer (hat & cap)
CHIN-STRAP SEWER (hat & cap)
CLAM MAKER (artif. flower)
preparer
CLOSER (glove & mit.)
jointer
Fourchette Sewer (glove & mit.)
CLOSER (toys & games)
CORE-COVERING SEWER (tex. prod., n.e.c.)
buffing-wheel cover maker
CUSHION CLOSER (furn.; house furn.)
pillow closer
DOLL WIG MAKER (hairwork)
DRAPERY OPERATOR (ret. tr.)
drapery seamstress
drapery worker
drapery-workroom girl
Upholstery Seamstress (ret. tr.)
EDGER (glove & mit.; leather prod.; textile)
ELASTIC SEWER (house furn.)
EMBROIDERING-MACHINE OPERATOR (mort. goods)
swing-needle-machine operator
EMBROIDERY SEWER (textile)
scallop sewer
END-TO-END SEWER (narrow fabrics; tex. bag; textile)
bolt-end sewer
cloth-cut stitcher
cloth sewer, rolls
cloth splicer, rolls
cloth stitcher, rolls
cut sewer
end sewer
machine sewer, cloth cuts
overseamer lay-out clerk
piece sewer
plain-goods stitcher
roller
rotary-sewing-machine operator
sewer, plain goods
sewing-machine boy, cloth cuts
FILTER-CLOTH MAKER (tex. prod., n.e.c.)
FINGER-BUFF SEWER (tex. prod., n.e.c.)
FINGERER (glove & mit.)
finger welter
Tipper (glove & mit.)

787.782 Con.
FLOWER-MACHINE OPERATOR (house furn.)
flower cheniller
FRINGER (house furn.) II
FUR-MACHINE OPERATOR (fur goods; hat & cap)
fur joiner
fur operator
fur sewer
GLOVE SEWER (glove & mit.)
Mitten Stitcher (glove & mit.)
Plain Sewer (glove & mit.)
Silker (glove & mit.)
Wrist Liner (glove & mit.)
HANDLE SEWER (leather prod.)
handle stitcher
HARNESS-MACHINE OPERATOR (leather prod.; tex. bag; tex. prod., n.e.c.)
Parachute-Cover Sewer (tex. prod., n.e.c.)
Parachute-Harness Maker (tex. prod., n.e.c.)
HEMMER (any ind.)
plain-goods hemmer
Bandana Hemmer (hat & cap)
Header (house furn.)
Pillowcase Sewer (textile)
Sheet Sewer (textile)
Towel Sewer (textile)
Wrist Hemmer (glove & mit.)
HEMSTITCHING-MACHINE OPERATOR (textile; trim. & stamp. art goods)
hemstitcher
KNUCKLE-STRAP SEWER (glove & mit.)
leather backer
LEATHER FITTER (hat & cap)
MENDER (house furn.)
MENDER (trim. & stamp. art goods)
PALM-AND-BACK FORGER (glove & mit.)
back-and-palm forger
REEDING-MACHINE OPERATOR (hat & cap)
leather reeder
reeder
reeding operator
sweatband reeder
sweat reeder
wire-machine operator
ROLL-EDGE-MACHINE OPERATOR (matt. & bedspring)
RUFFLER (house furn.)
Curtain Ruffler (house furn.)
RUFFLER (trim. & stamp. art goods)
SAIL FINISHER, MACHINE (canvas goods)
SEAMER (hosiery)
SEAMER, ELASTIC BAND (hosiery)
SEWING-MACHINE OPERATOR (auto mfg.)
SEWING-MACHINE OPERATOR (canvas goods)
Awning Assembler (canvas goods)
Awning Binder (canvas goods)
Cloth Joiner, Tents (canvas goods)
Flag Sewer (canvas goods)
Pocket Sewer (canvas goods)
Scallop Binder (canvas goods)
Tent Assembler (canvas goods)
Wing Sewer (canvas goods)
SEWING-MACHINE OPERATOR (elec. equip.)
heating-element stitcher
looper
SEWING-MACHINE OPERATOR (embroid.)
SEWING-MACHINE OPERATOR (fabric. prod., n.e.c.)
Muff-Bed Maker (fabric. prod., n.e.c.)
SEWING-MACHINE OPERATOR (felt goods)
Sewing-Machine Operator, Edging (felt goods)
SEWING-MACHINE OPERATOR (furn.)
cushion sewer
pillow-cover sewer
upholstery sewer
Back Maker (furn.)
Boxing-Machine Operator (furn.)
Cover Maker (furn.)
Cushion Maker (furn.) III
Welt Sewer (furn.)
SEWING-MACHINE OPERATOR (hat & cap)
sewer, hat parts
Adjustable-Cap-Sweatband Inspector (hat & cap)

787.782 Con.

Ear-Flap-Attacher Operator (hat & cap)
Ear-Flap Sewer (hat & cap)
Label Sewer (hat & cap)
Lace-Net-Lining Operator (hat & cap)
Lining Maker (hat & cap)
Nonadjustable-Cap-Sweatband Inserter (hat & cap)
Ribbon-Sweatband Operator (hat & cap)
Screen-Vent Attacher (hat & cap)
Stitcher, Sweatband (hat & cap)
Straw-Hat-Lace Net-Lining Operator (hat & cap)
Sweatband Assembler (hat & cap)
Sweatband-Machine Operator (hat & cap)
Sweat-Patch Sewer (hat & cap)
Tip Maker (hat & cap)
Visor Maker (hat & cap)
Visor Sewer (hat & cap)
SEWING-MACHINE OPERATOR (house furn.)
joiner
seamer
Bedspread Seamer (house furn.)
Cover Assembler (house furn.)
Lining Sewer (house furn.)
Mophead Sewer (house furn.)
Panel Sewer (house furn.)
Quilt Sewer (house furn.)
SEWING-MACHINE OPERATOR (leather prod.)
Applique Sewer (leather prod.)
Briefcase Sewer (leather prod.)
Fancy Sewer (leather prod.)
Handbag Finisher (leather prod.)
Lining-Parts Sewer (leather prod.)
SEWING-MACHINE OPERATOR (matt. & bedspring)
tick sewer
Cover Assembler (matt. & bedspring)
SEWING-MACHINE OPERATOR (mort. goods)
lining maker
seamstress
SEWING-MACHINE OPERATOR (tex. bag)
Burlap-Bag Sewer (tex. bag)
Canvas-Bag Maker (tex. bag)
Charge-Bag Sewer (tex. bag)
Cotton-Bag Sewer (tex. bag)
Jute-Bag Sewer (tex. bag)
Waterproof-Bag Sewer (tex. bag)
SEWING-MACHINE OPERATOR (tex. prod., n.e.c.)
Buffing-Wheel Sewer (tex. prod., n.e.c.)
Parachute-Accessories Attacher (tex. prod., n.e.c.)
Parachute-Crown Sewer (tex. prod., n.e.c.)
Parachute-Cushion Installer (tex. prod., n.e.c.)
Parachute-Panel Joiner (tex. prod., n.e.c.)
Parachute Repairer (tex. prod., n.e.c.)
SEWING-MACHINE OPERATOR (textile)
Corner Tacker (textile)
SEWING-MACHINE OPERATOR (toys & games)
SEWING-MACHINE OPERATOR (trim. & stamp. art goods)
plain stitcher
SHIRRING-MACHINE OPERATOR (hat & cap; mort. goods; trim. & stamp. art goods)
shirrer
SLIP-COVER SEAMSTRESS (house furn.)
SPLICING-MACHINE OPERATOR (textile)
splicer
STITCHER (rubber goods)
STRAW-HAT-MACHINE OPERATOR (hat & cap)
braid-machine operator
braid sewer
lap-straw-machine operator
straw worker
TACKER (textile) I
doubler
TACKER, ELASTIC BAND (hosiery)
TAPE-EDGE-MACHINE OPERATOR (matt. & bedspring)

787.782 Con.

Closing-Machine Operator (matt. & bedspring)
TAPING-MACHINE OPERATOR (carpet & rug; house furn.)
binder
piper
piping-machine operator
tape sewer
Fringe Sewer (house furn.)
Welt Sewer (house furn.)
THUMB SEWER (glove & mit.)
thumber
thumb inserter
Strapper (glove & mit.)
Thumb-Lining Sewer (glove & mit.)
TOE SEWER (hosiery)
toe seamer
TOP SEWER (hosiery)
sock joiner
TOP STITCHER (hat & cap)
TRUSS MAKER (surgical appl.)
TUCKING-MACHINE OPERATOR (hat & cap; trim. & stamp. art goods)
corder
cording-machine operator
graduate tucker
pleater
ruching-machine operator
Air Tucker (trim. & stamp. art goods)
TUFT-MACHINE OPERATOR (carpet & rug; house furn.)
chenille-machine operator
needle-punch operator
overlay operator
UMBRELLA SEWER (umbrella)
WIRE-MACHINE OPERATOR (hat & cap) II
wire binder
wiring-and-taping girl
WIRE-STITCHING-MACHINE OPERATOR (button)
WRIST CLOSER (glove & mit.)
cuff closer
WRISTER (glove & mit.)
bander
cuffer
wrist attacher
ZIPPER SETTER (furn.; house furn.)
zipper binder
WINDOW-SHADE-CLOTH SEWER (window shade & fix.)

787.885 SEWING-MACHINE OPERATOR, AUTOMATIC (any ind.)
Bias-Tape-Tubing Sewer (trim. & stamp. art goods)
Pillowcase,Tubing Sewer (textile)
BAG-MAKING-MACHINE TENDER (tex. bag)
CORDEDGE-MACHINE OPERATOR (trim. & stamp. art goods)
FASTENER-SEWING-MACHINE OPERATOR, AUTOMATIC (needle, pin, & rel. prod.)
hook-and-eye-sewing-machine operator
GANG OPERATOR (fabric. plastics prod.; garment; house furn.)
side hemmer
Curtain Hemmer, Automatic (house furn.)
Drapery Hemmer, Automatic (house furn.)
Gang-Hemstitching-Machine Operator (garment; textile)
Ruffling Hemmer, Automatic (house furn.)
Rug Hemmer (carpet & rug) II
Umbrella Hemmer (umbrella)
HEMMING-AND-TACKING-MACHINE OPERATOR (matt. & bedspring)
border-machine operator
padded-box sewer
NEEDLE-CONTROL CHENILLER (house furn.)
PILLOWCASE SEWER, AUTOMATIC (textile)
QUILTING-MACHINE OPERATOR (glove & mit.; house furn.; trim. & stamp. art goods; waste & batting)
stitcher

787.885 Con.

ROOTER OPERATOR (hairwork)
doll-wig maker, rooter hair
hair-rooting-machine operator
SEWER-AND-CUTTER, FINGER-BUFF MATERIAL (tex. prod., n.e.c.)
SEWING-MACHINE OPERATOR, ZIPPER (needle, pin, & rel. prod.)
Sewing-Machine Operator, Nylon Zipper (needle, pin, & rel. prod.)
SHEET CUTTER (tex. bag)
SHIRRING-MACHINE OPERATOR, AUTOMATIC (house furn.)
ruffler
Valance Shirrer (house furn.)
STRAP-MACHINE OPERATOR, AUTOMATIC (garment; house furn.)
shoulder-strap runner
strap maker
strap-running-machine operator
tubular-machine operator
Belt-Loop Maker (garment)
Tie-Back Sewer, Automatic (house furn.)
TRIMMING SEWER, AUTOMATIC (trim. & stamp. art goods)
TUFTING-MACHINE OPERATOR (carpet & rug; garment; house furn.)
chenille-machine operator
yardage-tufting-machine operator
Hobnail-Machine Operator (house furn.)
SEWING-MACHINE OPERATOR, SPECIAL EQUIPMENT (any ind.)
BRIM STITCHER (hat & cap)
BUTTONHOLE-MACHINE OPERATOR (any ind.)
EMBROIDERY-MACHINE OPERATOR (knit goods)
FASTENER-SEWING-MACHINE OPERATOR (any ind.)
button-sewing-machine operator
PLEATER (house furn.)
L-tacker
QUILTING-MACHINE OPERATOR (house furn.; matt. & bedspring)
RING ATTACHER (house furn.)
bone ringer
SERGING-MACHINE OPERATOR, AUTOMATIC (any ind.)
TACKER (elec. equip.)
TACKING-MACHINE OPERATOR (any ind.)
tacker
Band Tacker (any ind.)
Bar Tacker (any ind.)
Bow Tacker (hat & cap)
Label Tacker (textile)
Tip Sewer (glove & mit.)
TUFTING-MACHINE OPERATOR (matt. & bedspring)
button-tufting-machine operator

787.886 EMBROIDERY-MACHINE-OPERATOR HELPER (any ind.)
swiss-machine-operator h lper

788. **Occupations in Fabrication and Repair of Footwear**

This group includes occupations concerned with fabricating leather, fabric, and plastic footwear, including house slippers and indoor or outdoor athletic shoes. Molded rubber and plastic footwear is included in Group 753.

788.131 FOREMAN (boot & shoe)
Bottoming-Room Foreman (boot & shoe)
Cutting-Room Foreman (boot & shoe)
Fitting-Room Foreman (boot & shoe)
Heel-Room Foreman (boot & shoe)
Lasting Room Foreman (boot & shoe)

788.137 FOREMAN, PACKING (boot & shoe)
packing foreman

788.281 DESIGNER AND PATTERNMAKER (boot & shoe)
model maker
master patternmaker
ORTHOPEDIC-BOOT-AND-SHOE DESIGNER AND MAKER (boot & shoe)

788.381 COBBLER (boot & shoe)
shoe repairer
shoe stitcher, odd
Cobbler, McKay (boot & shoe)

788.381 Cobbler, Sole (boot & shoe)
Con. Cobbler, Upper (boot & shoe)
Lining Repairer (boot & shoe)
SHOEMAKER, CUSTOM (boot & shoe)
Custom-Shoe Designer and Maker (boot & shoe)
788.384 INSPECTOR (boot & shoe)
examiner
Blucher Inspector (boot & shoe)
Bottoming-Room Inspector (boot & shoe)
Casual-Shoe Inspector (boot & shoe)
Dress-Shoe Inspector (boot & shoe)
Fitting-Room Inspector (boot & shoe)
Lining Inspector (boot & shoe)
Packing-Room Inspector (boot & shoe)
Quarter Inspector (boot & shoe)
Sock-Lining Examiner (boot & shoe)
Upper Inspector (boot & shoe)
White-Shoe Examiner (boot & shoe)
788.584 SOLE SORTER (boot & shoe) II
insole or outsole sorter
insole sorter
stock sorter, sole
788.587 JOB PUTTER-UP AND TICKET PREPARER (boot & shoe)
788.687 CASER, SHOE PARTS (boot & shoe)
bundle assembler
caser
counter caser
matcher
pairer
parts binner
serviceman, shoe parts
stock sorter
tier and buncher
Box-Toe Fitter (boot & shoe)
Die-Rack Boy (boot & shoe)
Findings Assembler (boot & shoe)
Heel Assembler (boot & shoe)
Insole-and-Outsole Grader (boot & shoe)
Insole-Canvas Assembler (boot & shoe)
Last Picker (boot & shoe; rubber goods)
Layer-Out for Edge Stitcher (boot & shoe)
Mater (boot & shoe)
Outsole-Stock Sorter (boot & shoe)
Shoe Sorter (boot & shoe)
Size Marker, Hand (boot & shoe)
Sizer (boot & shoe)
Sock-Lining Getter (boot & shoe)
Sole Assembler (boot & shoe)
Sole Sorter (boot & shoe) I
Trimming Caser (boot & shoe)
Upper and Lining Assembler (boot & shoe)
Upper Assembler (boot & shoe)
Upper Caser (boot & shoe)
Upper Getter (boot & shoe)
Upper Packer and Sorter (boot & shoe)
Wood-Heel Sorter (boot & shoe)
COLOR MATCHER (boot & shoe)
heel sprayer, first
uniformer
ODD-SHOE GIRL (boot & shoe) I
fitting-room odd-shoe girl
PARTS-CHECKER AND DISTRIBUTOR (boot & shoe)
SHANK INSPECTOR (boot & shoe)
shank picker
shank sorter
788.884 ASSEMBLER FOR PULLER-OVER, HAND (boot & shoe)
back tacker
hand assembler
laster, hand
ASSEMBLER FOR PULLER-OVER, MACHINE (boot & shoe)
counter and upper tacker
machine assembler
ASSEMBLER, SANDAL PARTS (boot & shoe)
BED LASTER (boot & shoe)
lasting-machine operator, bed
toe-and-heel laster
BINDING FOLDER, MACHINE (boot & shoe)
braid folder
French-Binding Folder (boot & shoe)

788.884 Prime-Folding-Machine Operator (boot
Con. & shoe)
BLEMISH REMOVER (boot & shoe)
color repairer
dull-shoe repairer
filler
leather repairer
repairer
Russet Repairer (boot & shoe)
BOOTH FOLDER (boot & shoe)
booth-folding-machine operator
fold skiver
tip cementer
BOTTOM FILLER (boot & shoe)
cushion cementer
insole-bottom filler
insole filler
BOTTOM PRESSER (boot & shoe)
bottom ironer
burnisher
ironer, bottoms
presser, bottoms
BOTTOM WHEELER (boot & shoe)
bottom beader
bottom decorator
bottom jigger
bottom knurler
bottom striper
seat wheeler
BOW MAKER (boot & shoe)
BUTTONHOLE MAKER (boot & shoe)
CLICKING-MACHINE OPERATOR, OUTERS (boot & shoe)
machine-shoe cutter
outside clicker
shoe cutter
CRIPPLE CUTTER (boot & shoe)
back-shoe cutter
odd-shoe cutter
odd-work cutter
CRIPPLE WORKER (boot & shoe)
odd-shoe girl
FINGER COBBLER (boot & shoe)
leather repairman
FLAMER (boot & shoe)
shoe singer
singeing-torch operator
singer and unloader
FOLDER, HAND (boot & shoe)
flat folder
HAND SEWER, SHOES (boot & shoe)
hand trimmer
kicker sewer
lacer, hand, moccasin
moccasin sewer
HEEL ATTACHER, WOOD (boot & shoe)
wood-heel-attaching-machine operator
wood-heel cementer
HEEL-SEAT FITTER, HAND (boot & shoe)
cutter-in
heeler, wood, hand
heel fitter, hand
wood-heel fitter, hand
INKER (boot & shoe)
dyer
enameler
ragger
sponger
striper
waxer
Antiquer (boot & shoe)
Binding Dyer (boot & shoe)
Dope Edger (boot & shoe)
Edge Inker, Linings (boot & shoe)
Edge Inker, Outsoles, Hand (boot & shoe)
Edge Inker, Uppers (boot & shoe)
Edge Striper (boot & shoe)
Edge Waxer (boot & shoe)
Heel Enameler and Inker (boot & shoe)
Neolite-Special-Edge Inker (boot & shoe)
Shadow Sprayer (boot & shoe)
Shank Striper (boot & shoe)
INTERLACER (boot & shoe) II
hand lacer
weaver

788.884 LASTER, HAND (boot & shoe) I
Con. LASTING-MACHINE OPERATOR, HAND METHOD (boot & shoe)
counter tacker
LOUIS-HEEL FITTER (boot & shoe)
MARKER, HAND (boot & shoe)
cut-out marker
upper marker, hand
Eyelet-Row Marker (boot & shoe)
Fancy-Stitch Marker (boot & shoe)
Heel Marker (boot & shoe)
Lining Marker (boot & shoe)
OUTSIDE CUTTER, HAND (boot & shoe)
carver
hand-shoe cutter
modeler
sample cutter
shoe cutter
upper cutter-out
upper-leather cutter
vamp-and-whole-shoe cutter, hand
PULLER AND LASTER, MACHINE (boot & shoe)
PULLER OVER, MACHINE (boot & shoe)
RASPER (boot & shoe)
Forepart Rasper (boot & shoe)
Heel-Nail Rasper (boot & shoe)
Insole Rasper (boot & shoe)
ROTARY CUTTER (boot & shoe)
piping blocker
SAMPLEMAN (boot & shoe)
SCREW REMOVER (boot & shoe)
SLIP LASTER (boot & shoe)
last inserter
relaster
SOLE SEWER, HAND (boot & shoe)
sole stitcher, hand
STOCK FITTER (boot & shoe)
fitting-room operator
insole-and-outsole preparer
sole cutter
THREAD LASTER (boot & shoe)
stitchdown-thread laster
stitchdown-thread-lasting-machine operator
TONGUE PRESSER (boot & shoe)
TOP FORMER (boot & shoe)
top ironer
upper shaper
TREE DRILLER (boot & shoe)
UPPER-AND-BOTTOM LACER, HAND (boot & shoe)
bottom-and-upper lacer, hand
WRAP TURNER (boot & shoe)
WRINKLE CHASER (boot & shoe)
flamer, after lasting
ironer
presser
Lining Ironer (boot & shoe)
Wood-Heel Cover Ironer (boot & shoe)
788.887 ANTISQUEAK FILLER (boot & shoe)
antisqueak applier
antisqueak chalker
chalker, soles
flare chalker
outsole paraffiner
BOTTOM BLEACHER (boot & shoe)
bleacher
bottom scrubber
BRUSHER (boot & shoe) I
edge brusher
BUCKLER AND LACER (boot & shoe)
lacer and buckler
CEMENTER, HAND (boot & shoe)
gluer
gummer
material combiner
paster
Arch-Pad Cementer (boot & shoe)
Backer (boot & shoe)
Blocker-Paster and Joiner (boot & shoe)
Bottom Cementer (boot & shoe)
Box-Toe Gummer (boot & shoe)
Cementer for Folding, Hand (boot & shoe)
Channel Cementer, Outsole (boot & shoe)
Fancy Paster (boot & shoe)

788.887 Con.

Heel Cementer, Insole (boot & shoe)
Heel Coverer (boot & shoe)
Heel Gummer (boot & shoe)
Heel Padder (boot & shoe)
Heel Wetter, Glue and Water Glass (boot & shoe)
Insole and Upper Cementer (boot & shoe)
Insole Cementer (boot & shoe)
Insole Cementer, Stitchdowns (boot & shoe)
Insole-Lining Paster (boot & shoe)
Lining Fitter (boot & shoe)
Lining-Repair Cementer (boot & shoe)
Metatarsal-Pad Setter (boot & shoe)
Ornament Cementer (boot & shoe)
Outsole Cementer, Hand (boot & shoe)
Paper Cementer (boot & shoe)
Platform Coverer (boot & shoe)
Platform Spotter (boot & shoe)
Quarter Backer (boot & shoe)
Rand Doubler (boot & shoe)
Rand Gluer (boot & shoe)
Respro Worker (boot & shoe)
Seam-Stay Paster (boot & shoe)
Shank Cementer, Hand (boot & shoe)
Side-Facing Paster (boot & shoe)
Sock Liner (boot & shoe)
Sole Layer, Hand (boot & shoe)
Solvent Applier, Cement, Shoes (boot & shoe)
Toe-and-Heel-Seat Shellacker (boot & shoe)
Top-Lift Cementer, Hand (boot & shoe)
Top-Lift Stock Getter (boot & shoe)
Uco-Upper Coverer (boot & shoe)
Upper Doubler (boot & shoe)
Wedger, Children's Shoes (boot & shoe)
Welt-Strip Cementer, Hand (boot & shoe)
Wood-Heel-Flap Cementer (boot & shoe)

DRESSER (boot & shoe)
luster repairer
quarter doper
shoe dresser

DUST BRUSHER (boot & shoe)
bottom duster
brush cleaner
upper brusher

EDGE POLISHER (boot & shoe)
brusher, edge

FINISHING TRIMMER (boot & shoe)
cover cutter
cover remover
goring cutter
gusset ripper

FLARE BREAKER (boot & shoe)
cookie breaker

FLOORWORKER, LASTING (boot & shoe)

GOLF-SHOE-SPIKE ASSEMBLER (boot & shoe)
golf-stud riveter
spiker, outsoles

HAMMERER, TAB (boot & shoe)

HEEL BUILDER, HAND (boot & shoe)

HEEL DIPPER (boot & shoe)

HEEL DIPPER, INSOLE (boot & shoe)
insole dipper

INSOLE-STIFFENER AND HEEL-DIPPER (boot & shoe)
channel-lip stiffener, insoles
rib-stiffener and heel-dipper

LABORER, BOOT AND SHOE (boot & shoe)

LACER (boot & shoe) I
lace girl

LACING-STRING CUTTER (boot & shoe)
string cutter

LAST CHALKER (boot & shoe)
last dipper
last greaser
last waxer

LAST CLEANER (boot & shoe)

LAST PULLER, HAND (boot & shoe)
last remover
Heel-Seat-Paper Remover (boot & shoe)

LAST PULLER, MACHINE (boot & shoe)

788.887 Con.

MOLDER, SHOE PARTS (boot & shoe)
conformal pad former
plastic-insert molder

PAINTER, BOTTOM (boot & shoe)
bottom stainer
sole stainer

SCRAP SORTER (boot & shoe)
heeling trimmer
offal trimmer
scrap trimmer
skiving sorter
stock trimmer

SHANK-PIECE TACKER (boot & shoe)
shanker
shank-piece placer
shank tacker

SHANK TAPER (boot & shoe)
shank paperer

SHOE CLEANER (boot & shoe)
shoe polisher
treer
Bottom Cleaner (boot & shoe)
Lining Cleaner (boot & shoe)
Stitch Cleaner (boot & shoe)
Suede Cleaner (boot & shoe)
White-Shoe Cleaner (boot & shoe)

SHOE COVERER (boot & shoe)

SHOE TURNER (boot & shoe)

SOLE SCRAPER (boot & shoe)
shank scraper

SOLE WETTER (boot & shoe)
damper
muller
sole temperer
sole treater
stock temperer
stock wetter
temperer

STEEL-BOX-TOE INSERTER (boot & shoe)

TABLE WORKER (boot & shoe)

TACK PULLER, HAND (boot & shoe)
anchor-tack puller
insole tack-puller, hand

TRIMMER, HAND (boot & shoe)
cut out man
featherer
fiddler, edges
skiver, hand
Heel-Seat Trimmer (boot & shoe)
Insole-Canvas Cutter (boot & shoe)
Joint Cutter (boot & shoe)
Lining Trimmer (boot & shoe)
Rander-Out, Soles (boot & shoe)
Toppiece Chopper (boot & shoe)
Vamp Trimmer (boot & shoe)

UPPER MULLER (boot & shoe)
mull-house man
upper handler
upper temperer

VAMP CREASER (boot & shoe)
creaser
crimper
mold operator

VAMP-STRAP IRONER (boot & shoe)
shoe ironer

WELT BUTTER, HAND (boot & shoe)

WELT TREATER (boot & shoe)

WHITE-SHOE RAGGER (boot & shoe)

WOOD-HEEL FINISHER (boot & shoe)
breast finisher
heel finisher
Wood-Heel Cementer (boot & shoe) I
Wood-Heel-Flap Inserter (boot & shoe)
Wood-Heel-Flap Rubber (boot & shoe)
Wood-Heel-Flap Trimmer (boot & shoe)

789. Occupations in Fabrication and Repair of Textile, Leather, and Related Products, n.e.c.

This group includes occupations, not elsewhere classified, concerned with fabricating and repairing textile, leather, fur, and related products.

789.130 FOREMAN (leather prod.)
Assembly-Department Foreman (leather prod.)
Cloth-and-Leather-Department Foreman (leather prod.)

789.130 Con.

Cutting-Department Foreman (leather prod.)
Sewing-Department Foreman (leather prod.)

789.132 FORELADY, PARACHUTE MANUFACTURING (tex. prod., n.e.c.)

FOREMAN (house furn.)
Cutting-and-Sewing Forelady (house furn.)
Drapery Foreman (house furn.)
Forelady (house furn.)
Pillow-and-Cushion-Department Forelady (house furn.)

FOREMAN (tex. bag)
Cutting-Department Foreman (tex. bag)
Making-Department Foreman (tex. bag).

FOREMAN, SEWING ROOM (garment)
Foreman, Finishing Department (garment)

798.134 FORELADY (tex. prod., n.e.c.)

789.137 FOREMAN, CANVAS PRODUCTS (canvas goods)
Canvas-Cover-Repair Foreman (canvas goods)

FOREMAN, WEBBING (cord. & twine)

789.228 INSTRUCTOR, APPAREL MANUFACTURE (textile)
instructor
overseer

789.281 DESIGN-PATTERN MAN (canvas goods)

789.381 FORM MAKER (garment)

PATTERN CHART-WRITER (paper goods)

TRAWL-NET MAKER (cord. & twine)

789.387 LEATHER GRADER (garment; glove & mit.)
grader and shader
leather sorter

SAMPLE GIRL (tex. prod., n.e.c.)

789.587 BOXING INSPECTOR (garment; knit goods)
boxing-and-finishing inspector
folded-garment inspector
over inspector
refolder

INSPECTOR (carpet & rug; house furn.; tex. bag; textile)
folder inspector
inspector and clipper
Bag Inspector (tex. bag)
Bedspread Inspector (house furn.)
Blanket Inspector (textile)
Curtain Inspector (house furn.)
Drapery Inspector (house furn.)
Rug Inspector (carpet & rug)
Sheet Inspector (textile)
Towel Inspector (textile)

789.684 INSPECTOR (leather prod.)
examiner

789.685 INSPECTOR, TRIMMING MATERIAL (garment)

789.687 BUFFING-WHEEL INSPECTOR (tex. prod., n.e.c.)

CLOTH STOCKMAN (textile)
cloth-stock sorter

EXAMINER (glove & mit.)
inspector trimmer

FINISHER (embroid.; trim. & stamp. art goods)
examiner
trimmer

GARMENT-ALTERATION EXAMINER (ret. tr.)
alteration inspector
outgoing inspector

GARMENT EXAMINER (garment; ret. tr.; whole. tr.)

GARMENT INSPECTOR (garment; knit goods)
checker
examiner
inspector
trimmer
Corset Inspector (garment)
Finished-Garment Inspector (garment; knit goods)
Grey-Goods Inspector (knit goods)
Overall Inspector (garment)
Redye Inspector (knit goods)
Shirt Inspector (garment)

CUTTING INSPECTOR (garment)
cutting examiner
trim inspector

789.687 Con.
SECONDS INSPECTOR (garment; knit goods)
mending inspector
GLOVE PAIRER (glove & mit.)
gauntlet pairer
pairer
HIDE INSPECTOR (leather mfg.)
hide examiner
Belly Inspector (leather mfg.)
REDYE HAND (hosiery)
redye sorter
REMNANT MAN (textile)
rag-table sorter
remnant sorter
Cloth-Seconds Sorter (textile)
SORTER (tex. prod., n.e.c.)

789.781 BEADWORKER (fabric. prod., n.e.c.)
COLLAR MAKER (leather prod.)
HARNESS MAKER (leather prod.)
Harness Repairman (leather prod.)
Saddler (leather prod.)
LUGGAGE MAKER (leather prod.)
custom luggage maker and repairman
SADDLE MAKER (leather prod.)
Western-Saddle Maker (leather prod.)

789.884 BOARD MAKER (knit goods)
BOW MAKER (any ind.)
BUFFING-WHEEL FORMER, HAND (tex. prod., n.e.c.)
CANOPY STRINGER (tex. prod., n.e.c.)
CASE MAKER (leather prod.)
hand turner
Pocketbook-CASE Maker (leather prod.)
Purse-Case Maker (leather prod.)
Underarm-Case Maker (leather prod.)
Wallet-Case Maker (leather prod.)
CEMENTER (garment)
FINISHER, HAND (canvas goods)
palm and needle man
Awning Finisher (canvas goods)
Sail Finisher, Hand (canvas goods)
Tent Finisher (canvas goods)
FRAME BANDER (textile)
tape man
FRAME COVERER (leather prod.)
stuffer
HAIR CLIPPER, POWER (fur dressing)
tail clipper
LEAF STAMPER (jewelry cases)
gold-leaf stamping press feeder
gold stamper
leaf printer
LEATHER WORKER (leather prod.)
Holster Maker (leather prod.)
Rifle-Case Repairer (leather prod.)
MOLDER, SHOULDER PAD (trim. & stamp. art goods)
NET MAKER (cord. & twine)
knotter
knotter, hand
Safety-Net Maker (cord. & twine)
Tennis-Net Maker (cord. & twine)
ORNAMENT SETTER (garment; trim. & stamp. art goods)
nailhead puncher
stud setter
Nailhead Setter (garment)
Rhinestone Setter (garment)
PARACHUTE FOLDER (tex. prod., n.e.c.)
PARACHUTE REPAIRMAN (tex. prod., n.e.c.)
mender
RIGGER (canvas goods)
stripper
TRIMMING-MACHINE OPERATOR (any ind.)
cleaning-machine operator
clipper
thread-clipper-machine operator
thread cutter
TUBER (leather prod.)
lace rounder
leather-belting rounder
stripping rounder

789.887 BAG CUTTER (tex. bag)
scrap-table girl
textile-scrap salvager
BAG LINER (tex. bag)
BEATER (house furn.)

789.887 Con.
BOBBIN CLEANER, HAND (any ind.)
bobbin stripper
cone separator
quill cleaner, hand
quill skinner
spool cleaner, hand
Cone Cleaner (hosiery; knit goods)
BOBBIN MARKER AND POLISHER (textile)
bobbin painter, marking
cone marker, yarn size
ironhead marker and polisher
BOBBIN WINDER, HAND (hosiery; knit goods)
BONER (garment)
stayer
steeler
steel setter
stripper
BRUSHER (glove & mit.; knit goods)
glove brusher
napper, hand
BUFFING-TURNER AND COUNTER (tex. prod., n.e.c.)
CLIPPER (any ind.) I
cut-off girl
link cutter
separator
string cutter
strip cutter
Collarette Separator (knit goods)
Collar Separator (knit goods)
Cotton-Bag Clipper (tex. bag)
Cuff Separator (hosiery; knit goods)
Jute-Bag Clipper (tex. bag)
Rib-Trim Separator (hosiery; knit goods)
Sleeve Separator (knit goods)
Top Puller (hosiery)
Waterproof-Bag Clipper (tex. bag)
COLLAR MOLDER (garment)
collar shaper
CUFF TURNER (hosiery) I
cuffer
cuff folder
top turner
FINAL ASSEMBLER (garment)
rack girl
FLOCKER (tex. prod., n.e.c.)
FOLDER (tex. bag)
waterproof-material folder
FRINGER (house furn.) I
FRONT NOTCHER (knit goods)
GARMENT FOLDER (garment; knit goods)
folder
pinner
Pajama Folder (garment)
Shirt Folder (garment)
GARMENT TURNER (garment; knit goods)
turner, hand
Shirt Turner (garment; knit goods)
Sleeve Turner (garment; knit goods)
GARTER INSERTER (knit goods)
GLOVE TURNER (glove & mit.)
glove turner and former
HANDLE BOY (leather prod.)
HANDLE MAKER (leather prod.)
HARNESS RIGGER (tex. prod., n.e.c.)
parachute-harness rigger
LABORER, CANVAS SHOP (canvas goods)
floor girl
Awning Spreader (canvas goods)
Ring Sewer (canvas goods)
LACER (garment)
corset ribbon runner
corset stringer
ribbon stringer
LINER (glove & mit.)
MIXER (waste & batting)
MONOGRAM-AND-LETTER PASTER (tex. prod., n.e.c.)
paster
MOPHEAD TRIMMER-AND-WRAPPER (house furn.)
MOP TIER (house furn.)
PAIRER (house furn.)
PARACHUTE-LINE TIER (tex. prod., n.e.c.)
Shroud-Line Tier (tex. prod., n.e.c.)
Suspension-Cord Tier (tex. prod., n.e.c.)
PARACHUTE MARKER (tex. prod., n.e.c.)

789.887 Con.
PILLOW CLEANER (house furn.)
cushion sweeper
PLEAT TAPER (trim. & stamp. art goods)
QUILT STUFFER (house furn.)
filler
wool-batting worker
REMNANTS CUTTER (textile)
Label Cutter (textile)
REVERSER (house furn.)
turner
RIVETER, HAND (garment)
RUG-INSPECTOR HELPER (fiber rugs)
SAMPLE CLERK (textile) II
SEAM STEAMER (knit goods)
pipe steamer
STEAM BOY (trim. & stamp. art goods)
STRAPPER (garment)
seam sealer
TAPER (house furn.)
clamper
TASSELER (narrow fabrics)
THREAD SEPARATOR (tex. prod., n.e.c.)
thread drawer
TIE PRESSER (knit goods)
TRIMMER (fiber rugs)
TURNER (any ind.)
clipper and turner
Belt Turner (garment)
Collar Turner (garment)
Cotton-Bag Turner, Hand (tex. bag)
Cuff Turner (hosiery) II
Hose Turner (hosiery)
Jute-Bag Hand-Turner (tex. bag)
Necktie Turner (garment)
VEIL DOTTER (trim. & stamp. art goods)
VENT-TAPE PINNER (tex. prod., n.e.c.)
parachute-vent-tape pinner
WATERPROOFER, OILSKINS (garment)
WET-FABRIC-CONVEYOR ATTENDANT (knit goods)

79 **BENCH WORK OCCUPATIONS, N.E.C.**
This division includes bench work occupations, not elsewhere classified.

790. **Occupations in Preparation of Food, Tobacco, and Related Products, n.e.c.**
This group includes occupations, not elsewhere classified, concerned with preparing food, tobacco, and related products.

790.381 TOBACCO BLENDER (ret. tr.)

790.587 BOTTLE GAGER (distilled liquors)
gager
CIGARETTE INSPECTOR (tobacco)
catching inspector
cigarette examiner
cigarette-making examiner
making inspector
weigh girl

790.687 CATCHER, FILTER TIP (tobacco)
catcher, plug
CIGARETTE-MAKING-MACHINE CATCHER (tobacco)
catcher
cigarette and assembly-machine inspector
examiner
making-machine catcher
CIGARETTE-PACKAGE EXAMINER (tobacco)
cellophane-wrapping examiner
package reinspector
packing-machine inspector
CIGAR INSPECTOR (tobacco)
cigar-packing examiner
final cigar and box examiner
final-cigar-making inspector
final examiner
CIGAR PACKER (tobacco)
cigar packer and grader
cigar packer and picker
cigar packer and shader
cigar packer and sorter
cigar sorter
Stogie Packer (tobacco)
FRESH-WORK INSPECTOR (tobacco)
racker
selector
table inspector

790.687 INSPECTOR (confection.)
Con. Box Closer (confection.)
Molasses-Candy-Kiss Inspector (confection.)
790.688 LUMP INSPECTOR (tobacco)
lump receiver
790.884 BUNCH MAKER, HAND (tobacco)
binder
binder roller
bunch breaker
buncher, hand
CIGAR MAKER (tobacco)
finished-cigar maker
out-and-out cigar maker, hand
stogie maker, hand
Toby Maker (tobacco)
GUM PACKER (tobacco)
boxer
gum boy
PATCH WORKER (tobacco)
cigar patcher
patcher
reroller, hand
ROLLER, HAND (tobacco) I
cigar roller
suction-plate roller, hand
suction roller
wrapper, hand
Roller, Vacuum Table (tobacco)
790.887 CANDY CUTTER, HAND (confection.)
Caramel Cutter, Hand (confection.)
CHICKEN CUTTER (slaught. & meat pack.)
MOLD PRESSMAN (tobacco)
mold carrier
stock boy, mold presser
PLUG TAGGER (tobacco)
tagger
Twist Tagger (tobacco)
REJECT OPENER (tobacco)
reject opener and filler
ROLLER, HAND (tobacco) II

790.887 TABLE HAND (tobacco)
Con. TWISTER, HAND (tobacco)
hand roller
tobacco roller
twist maker

794. Occupations in Fabrication of Paper Products, n.e.c.

This group includes occupations, not elsewhere classified, concerned with such activities as assembling boxes and envelopes from precut blanks and assembling party favors.

794.687 COUNTER, HAND (paper goods)
794.884 BAG REPAIRER (paper goods)
BOX MAKER, PAPERBOARD (any ind.)
EDGE STRIPPER (paper goods; wood. box)
edger
EXPANSION ENVELOPE MAKER, HAND (paper goods)
Five-Piece-Expansion Maker, Hand (paper goods)
Gusset Maker (paper goods)
One-Piece-Expansion Maker, Hand (paper goods)
FIBER-BOX REPAIRER (tobacco)
PAPER-NOVELTY MAKER (paper goods)
copyist
novelty maker
PAPIER-MACHE MOLDER (model & pattern)
paper layer
SAMPLE MAKER, HAND (paper goods)
794.887 ASSEMBLER, GREETING CARD (print. & pub.)
hand worker
Card Trimmer (print. & pub.)
Inspector, Greeting Card (print. & pub.)
ASSEMBLER, HAND (paper goods)
inserter
BAG MAKER, HAND (paper goods)
bag gluer
paper-bag maker, hand
BAG STRINGER (paper goods)

794.887 BARRIER GIRL (paper goods)
Con. BOX COVERER, HAND (paper goods)
bander
box maker, hand
CARDBOARD CUTTER (mirror & pic. frames)
filler cutter
COLOR-CARD MAKER (paint & varn.)
FOLDER, HAND (paper goods)
envelope folder
hand folder
table worker
FORWARDER (print. & pub.)
Blankbook Forwarder (print. & pub.)
FRILL MAKER (paper goods)
chop-holder maker
GARMENT-TAG STRINGER (paper goods)
GLUER AND SLICER, HAND (paper goods)
LAPPER (wallpaper)
PAPER-CONE MAKER (electronics)
loudspeaker paper-cone assembler
PAPER-PATTERN FOLDER (paper goods)
PATTERN RULER (trim. & stamp. art goods)
PUNCHBOARD ASSEMBLER (paper goods) I
punchboard inserter
punchboard stuffer
PUNCHBOARD ASSEMBLER (paper goods) II
SCRAPPER (paper goods)
air-hammer stripper
breaker
knocker-off
peeler
STRINGER (paper goods)
hand worker
TABBER (paper goods)
inserter
tagger
TRIMMER, HAND (paper goods)

799. Miscellaneous Bench Work Occupations, n.e.c.

This group includes miscellaneous bench work occupations, not elsewhere classified.

8 STRUCTURAL WORK OCCUPATIONS

This category includes occupations concerned with fabricating, erecting, installing, paving, painting, repairing, and similarly working structures or structural parts, such as bridges, buildings, roads, motor vehicles, cables, airplane engines, girders, plates, and frames. The work generally occurs outside a factory or shop environment, except for factory production line occupations. Tools used are hand or portable power tools, and such materials as wood, metal, concrete, glass, and clay are involved. Workers are frequently required to have a knowledge of the materials with which they work, e.g., stresses, strains, durability, and resistance to weather.

80 **OCCUPATIONS IN METAL FABRICATING, N.E.C.**

This division includes occupations concerned with fabricating, erecting, and repairing building frames and ornamental metalwork, bridges, trestles, marine craft and structures, boilers, storage tanks, drilling rigs, towers, and other structures generally assembled from heavy structural plates, beams, and castings; fitting and assembling vehicle bodies, airframes, prefabricated door casings and window frames, air ducts, and other structural units assembled from stock or preformed sheet metal and structural shapes; and assembling or repairing boats, automobile bodies, and other structural units partially or entirely constructed of rigid plastics or fiber glass.

800. **Riveters**

This group includes occupations concerned with joining structural shapes and members by rivets.

800.782 RIVETER, HYDRAULIC (any ind.)
bull riveter
hydraulic-bull-riveter operator
multiple-pressure-riveter operator
Riveter, Portable Machine (any ind.)
RIVETER, PORTABLE PINCH (any ind.)

800.884 RIVET CATCHER (any ind.)
rivet sticker
RIVETER, AIRCRAFT (aircraft mfg.)
RIVETER, PNEUMATIC (any ind.)

800.887 BUCKER-UP (any ind.)
rivet bucker
RIVETER HELPER (any ind.)

801. **Fitting, Bolting, Screwing, and Related Occupations**

This group includes occupations concerned with joining structural parts and components with bolts, screws, or related fasteners.

801.131 CHIMNEY FOREMAN, REINFORCED CONCRETE (const.)
FOREMAN, RIG BUILDING (petrol. production)
rig-building-crew foreman
rig-building foreman
RIDE FOREMAN (amuse. & rec.)

801.134 REINFORCING-STEEL-PLACING FOREMAN (const.)
iron foreman
ironworking foreman
metal-placing foreman
rodman foreman
steel-man foreman

801.281 FITTER (any ind.) I
Fitter-Tacker (any ind.)

801.381 AIRCRAFT MECHANIC, ARMAMENT (aircraft mfg.)
armament assembler
armament installer
AIRCRAFT MECHANIC, HEAT AND VENT (aircraft mfg.)
heating-and-ventilation-installation assembler
ventilating-and-heating-installation assembler
AIRCRAFT MECHANIC, RIGGING AND CONTROLS (aircraft mfg.)
airplane rigger
assembler, aircraft, rigging and controls

801.381 Con. ASSEMBLER, MINING MACHINERY (mach. mfg.)
hydraulic-and-mechanical ssembler
mining-machinery assembler
ASSEMBLER, WELDED DUCTS (aircraft mfg.)
Pneumatic-Tube Fitter (aircraft mfg.)
BLOWER AND COMPRESSOR ASSEMBLER (mach. mfg.)
Compressor Assembler (mach. mfg.)
Pump Assembler (mach. mfg.)
FITTER (mach. shop)

801.781 STRUCTURAL-STEEL WORKER (const.)
bridgeman
housesmith
iron erector
ironworker
steel erector
structural-iron erector
structural-iron worker
structural-steel erector
Bridge-Maintenance Man (const.)
Chimney Builder, Reinforced Concrete (const.)
Scaffold Builder, Metal (const.)
Structural-Steel-Equipment Erector (const.)
STRUCTURAL-STEEL-WORKER APPRENTICE (const.)
bridgeman apprentice
steel-assemblyman apprentice
steel-erector apprentice

801.884 ASSEMBLER (light, heat, & power)
tower assembler
transmission-tower assembler
ASSEMBLER, METAL BUILDING (const.)
CASE ASSEMBLER (agric. equip.)
gear fitter
CRADLE PLACER (const.)
pipe-cradle placer
JIG FITTER (mach. mfg.)
assemblyman
fit-up man, jig
LINERMAN (mining & quarrying; ore dress., smelt., & refin.)
PATTERN GATER (found.)
PLAYGROUND-EQUIPMENT ERECTOR (const.; ret. tr.)
PROGRESSIVE ASSEMBLER AND FITTER (agric. equip.)
main-line assembler
parts make-up man
tractor assembler
REINFORCING-IRON WORKER (const.)
ironman
reinforcing-bar setter
reinforcing-steel erector
reinforcing-steel placer
reinforcing-steel setter
reinforcing-steel worker
rodman
ROLL BUILDER (iron & steel)
WIRE-MESH-GATE ASSEMBLER (wirework)

801.887 FITTER HELPER (any ind.)
plate-worker helper
welder-fitter helper
Lay-Out Helper (any ind.)
FRAME ASSEMBLER (mach. mfg.)
Heddle Counter (mach. mfg.)
Heddle Examiner (mach. mfg.)
Heddle Reconditioner (mach. mfg.)

801.887 Con. INTERNAL-COMBUSTION-ENGINE-ASSEMBLER HELPER (engine & turbine)
assembler helper
LABORER, CORRUGATED-IRON-CULVERT PLACING (const.)
STRUCTURAL-STEEL-WORKER HELPER (const.)
bridgeman helper
steel-assemblyman helper
steel-erector helper

804. **Tinsmiths, Coppersmiths, and Sheet Metal Workers**

This group includes occupations concerned with laying out, cutting to size, bending or shaping, and soldering, brazing, riveting, or crimping sheet metal, such as copper, steel, aluminum, galvanized iron, and tinplate, to fabricate or repair sheet metal items, such as gutters, hot and cold air vents, cabinets, and light tanks.

804.281 SHEET-METAL WORKER (any ind.)
sheet-metal journeyman
sheet-metal man
sheet-metal mechanic
Coppersmith (any ind.)
Fabricator, Special Items (any ind.)
Model Maker, Sheet Metal (any ind.)
Product-Development Man (any ind.)
Roofer, Metal (const.)
Sheet-Metal Installer (any ind.)
Sheet-Metal Worker, Maintenance (any ind.)
Shop Mechanic (any ind.)
Tinsmith (any ind.)
SHEET-METAL-WORKER APPRENTICE (any ind.)

804.884 ASSEMBLER, UNIT (struct. & ornam. metalwork)
Fire-Door Assembler (struct. & ornam. metalwork)
Metal-Door Assembler (struct. & ornam. metalwork)
Metal-Window-Screen Assembler (struct. & ornam. metalwork)
CUTTER, ALUMINUM SHEET (ship & boat bldg. & rep.)
DUCT INSTALLER (const.)
EXTRUSION BENDER (ship & boat bldg, & rep.)
HOOD MAKER (canvas goods)
ROUTER OPERATOR, PORTABLE (aircraft mfg.)

804.886 METAL-FABRICATING-SHOP HELPER (any ind.)
helper, steel fabrication
plate-shop helper
production helper
structural-shop helper
Ironworker Helper, Shop (any ind.)
Sheet-Metal-Shop Helper (any ind.)

805. **Boilermakers**

This group includes occupations concerned with assembling, erecting, and repairing boilers and related equipment, attachments, and accessories. Includes laying out, cutting, fitting and bolting, welding, or riveting heavy metal plates, boiler tubes, and castings.

805.131 BOILERMAKER FOREMAN (boilermaking)
boilermaker quarterman
BOILER-REPAIR FOREMAN (any ind.)

805.281 BOILERMAKER (boilermaking) I
boilermaker, assembly and erection
BOILERMAKER APPRENTICE (boilermaking)

805.381 BOILERHOUSE REPAIRMAN (any ind.)
boiler mechanic
heating-equipment repairer
station mechanic
BOILERMAKER FITTER (boilermaking)
805.387 BOILERHOUSE INSPECTOR (any ind.)
boiler cleaner, chief
805.781 BOILERMAKER MECHANIC (boilermaking)
boilermaker
805.885 BOILERMAKER HELPER (boilermaking) II
Boilermaker Helper, Assembly and Erection (boilermaking)
Boilermaker Helper, Maintenance (any ind.)
805.887 BOILERMAKER HELPER (boilermaking) I

806. Transportation Equipment Assemblers and Related Occupations

This group includes occupations concerned with assembling transportation and related equipment, such as automobiles, aircraft, rail equipment, motorcycles and bicycles, boats, military tanks, and components, parts, and accessories. Body work is included in Group 807, and painting is included in Group 845.

806.131 ASSEMBLY FOREMAN (motor. & bicycles)
Foreman, Frame Assembly (motor. & bicycles)
Foreman, Motorcycle and Wheel Assembly (motor. & bicycles)
Foreman, Transmission and Fork Assembly (motor. & bicycles)
FOREMAN, CAR INSTALLATIONS (loco. & car bldg. & rep.)
FOREMAN, ERECTION SHOP (loco. & car bldg. & rep.)
FOREMAN, TRUCK-TRAILER ASSEMBLY (auto. mfg.)
Assembly Foreman, Framing (auto. mfg.)
Foreman, Final Assembly (auto. mfg.)
INSPECTION AND TESTING FOREMAN (motor. & bicycles)
RIGGER FOREMAN (ship & boat bldg. & rep.)
SHIPFITTER FOREMAN (ship & boat bldg. & rep.)
steel-construction foreman
steel-installation foreman
806.138 TRUCK-ASSEMBLY MECHANIC (ordnance)
auto repairman
806.281 CAR CHECKER (ret. tr.)
get-ready man
DYNAMOMETER TESTER, MOTOR (auto. mfg.)
motor tester
Dynamometer Tester, Chassis (auto. mfg.)
EXPERIMENTAL MECHANIC, ELECTRICAL (motor. & bicycles)
FINAL INSPECTOR, MOTORCYCLES (motor. & bicycles)
Test Rider (motor. & bicycles)
HULL INSPECTOR (ship & boat bldg. & rep.)
INTERNAL-COMBUSTION-ENGINE INSPECTOR (engine & turbine)
inspector
inspector and tester
Diesel-Engine Inspector (engine & turbine)
Gasoline-Engine Inspector (engine & turbine)
RIGGER (ship & boat bldg. & rep.)
erector
loft rigger
outside rigger
RIGGER APPRENTICE (ship & boat bldg. & rep.)
erector apprentice
806.283 TEST DRIVER (auto. mfg.) II
806.368 UTILITY MAN, LINE ASSEMBLY (auto. mfg.)
806.381 ASSEMBLER, AIRCRAFT STRUCTURES AND SURFACES (aircraft mfg.)
ASSEMBLER, ELECTRO-MECHANICAL (aircraft mfg.)
ASSEMBLY MECHANIC, EXPERIMENTAL AIRCRAFT (aircraft mfg.)
assembler and fabricator, research
FINAL INSPECTOR, TRUCK TRAILER (auto. mfg.)

806.381 Con. INSPECTOR, ASSEMBLIES AND INSTALLATIONS (aircraft mfg.)
Engine-Installation Inspector (aircraft mfg.)
Inspector, Experimental (aircraft mfg.)
Inspector, Final Assembly (aircraft mfg.)
Inspector, Subassembly (aircraft mfg.)
Upholstery-and-Trim Inspector (aircraft mfg.)
OUTSIDE-PRODUCTION INSPECTOR (aircraft mfg.)
inspector, outside production
MAJOR-ASSEMBLY INSPECTOR (agric. equip.)
assembly inspector
finished-goods inspector
NEW-CAR GET-READY MAN (auto. ser.)
automobile make-ready mechanic
get-ready man
make-ready mechanic
SHIPFITTER (ship & boat bldg. & rep.)
fitter
SHIPFITTER APPRENTICE (ship & boat bldg. & rep.)
STREETCAR REPAIRMAN (loco. & car bldg. & rep.)
car-body inspector
Car-Roof Repairman (loco. & car bldg. & rep.)
Destination-Sign Repairman (loco. & car bldg. & rep.)
Electrical Inspector (loco. & car bldg. & rep.)
Sash Repairman (loco. & car bldg. & rep.)
Streetcar Sandbox and Lifeguard-Unit Repairman (loco. & car bldg. & rep.)
TESTER, PLUMBING SYSTEMS (aircraft mfg.)
mechanic, general functional test
Fuel-System Tester (aircraft mfg.)
Oxygen-System Tester (aircraft mfg.)
806.382 HYPOID-GEAR TESTER (auto. mfg.)
gear tester
DIFFERENTIAL TESTER (auto. mfg.)
806.384 INSPECTOR, AIRCRAFT LAUNCHING AND ARRESTING SYSTEMS (gov. ser.)
PROCUREMENT INSPECTOR (aircraft mfg.)
inspector, receiving
806.387 INSPECTOR, RETURNED MATERIALS (auto. mfg.)
salvage inspector
service-claims inspector
service dismantler
SALVAGE INSPECTOR (aircraft mfg.; motor. & bicycles)
material disposition man
processes-stock inspector
rework man
salvage man
salvage mechanic
WHEEL INSPECTOR (r.r. trans.)
carman
806.684 TRANSMISSION TESTER (auto. mfg.)
gear tester
806.687 FINAL INSPECTOR (auto. mfg.)
checker
CHASSIS INSPECTOR (auto. mfg.)
OUTBOARD-MOTOR INSPECTOR (engine & turbine)
806.781 ASSEMBLER-INSTALLER APPRENTICE, GENERAL (aircraft mfg.)
final-assemblyman apprentice
ASSEMBLER-INSTALLER, GENERAL (aircraft mfg.)
final assemblyman
BENCH MECHANIC, STEEL WELD (aircraft mfg.)
bench assembler, machined parts
detail man
fitting man
metal fitter
subassembly assembler
weld-set-up mechanic
INTERNAL-COMBUSTION-ENGINE ASSEMBLER (engine & turbine)
engine assembler
Diesel-Engine Assembler (engine & turbine)
Gasoline-Engine Assembler (engine & turbine)

806.781 Con. Motorcycle-Engine Assembler (engine & turbine)
Outboard-Motor Assembler (engine & turbine)
ASSEMBLER, SHOW MOTOR (engine & turbine)
TRAILER ASSEMBLER (auto. mfg.)
assembler, truck-trailer
Custom-Frame Man (auto. mfg.)
Trailer-Body Assembler (auto. mfg.)
806.782 METAL-BONDING PRESS OPERATOR (aircraft mfg.)
platen operator, metal bond
806.883 ASSEMBLY-INSPECTOR HELPER (agric. equip.)
806.884 ASSEMBLER, METAL BONDING (aircraft mfg.)
ASSEMBLER, ROCKET ENGINES (aircraft mfg.)
ASSEMBLER, SOFT TOP (auto. mfg.)
fabric-top builder
soft-top builder
top builder
AUTOMOBILE-ACCESSORIES INSTALLER (auto. ser.)
Radio Installer, Automobile (auto. ser.)
AUTOMOBILE-DOOR-PANEL ASSEMBLER (auto. mfg.)
BOAT OUTFITTER (ship & boat bldg. & rep.)
assembler, plastic boat
boat garnisher
final assembler, boat
Plastic Outfitter (ship & boat bldg. & rep.)
Trim Installer (ship & boat bldg. & rep.)
Window Installer (ship & boat bldg. & rep.)
Windshield Installer (ship & boat bldg. & rep.)
Wood and Hardware Outfitter (ship & boat bldg. & rep.)
BOAT RIGGER (ret. tr.)
boat accessories installer
outboard motorboat rigger
CABINET ASSEMBLER (trans. equip.)
CAR TRIMMER (loco. & car bldg. & rep.)
trimmer
DOOR ASSEMBLER (trans. equip.)
FITTER AND ADJUSTER (auto. mfg.)
line-up man
Deck-Lid Fitter (auto. mfg.)
Door Fitter (auto. mfg.)
FLATCAR WHACKER (sawmill)
whacker
FRAMER (trans. equip.)
assembler, mobile home
Floor Finisher (trans. equip.)
Floor Framer (trans. equip.)
Roof Framer (trans. equip.)
Sheller (trans. equip.)
Side Framer (trans. equip.)
HEADLINER INSTALLER (auto. mfg.)
headliner trimmer.
HONEYCOMB-BLANKET MAKER (aircraft mfg.)
metal-honeycomb processor
honeycomb-paper fabricator
Adhesive-Spreader Operator (aircraft mfg.)
Blanket-Machine Operator (aircraft mfg.)
Core-Saw Operator (aircraft mfg.)
Corrugating-Machine Operator (aircraft mfg.)
Panel-Lay-Up Man (aircraft mfg.)
Press Operator (aircraft mfg.)
MECHANICAL ASSEMBLER (auto. mfg.)
trailer-sections assembler
METAL HANGER (trans. equip.)
Door Installer (trans. equip.)
Roof-Panel Hanger (trans. equip.)
Side-Panel Hanger (trans. equip.)
Window Installer (trans. equip.)
MOBILE-HOME INSTALLER (trans. equip.)
final finisher
Appliance Installer (trans. equip.)
Cabinet - and - Trim Installer (trans. equip.)
MOTORCYCLE ASSEMBLER (motor. & bicycles)
bicycle assembler
Utility Assembler (motor. & bicycles)

806.884 Con. MOTORCYCLE SUBASSEMBLER (motor. & bicycles)
Brake Assembler (motor. & bicycles)
Clutch Assembler (motor. & bicycles)
Fork Assembler (motor. & bicycles)
Frame Assembler (motor. & bicycles)
Handle-Bar Assembler (motor. & bicycles)
Transmission Assembler (motor. & bicycles)
OVERLAY PLASTICIAN (ship & boat bldg. & rep.)
boat bottomer
PRESSURE SEALER-AND-TESTER (aircraft mfg.)
sealer, aircraft
Cabin Pressurizer (aircraft mfg.)
Fuel-Cell Sealer (aircraft mfg.)
Fuselage-Pressurization Mechanic (aircraft mfg.)
Integral Tank - Seal - and - Repairman (aircraft mfg.)
PUMP INSTALLER AND TESTER (auto. mfg.)
RAILROAD-CAR-TRUCK BUILDER (loco. & car bldg. & rep.)
RIGGER HELPER (ship & boat bldg. & rep.)
Rigging-Loft Repairman (ship & boat bldg. & rep.)
STRAPPER (ship & boat bldg. & rep.)
TRUCK-ASSEMBLY-MECHANIC HELPER (ordnance)
UTILITY MAN (trans. equip.)
WHEELWRIGHT (any ind.)
806.885 CABLE STRETCHER (aircraft mfg.)
cable stretcher and tester
TUBING OILER (aircraft mfg.)
806.887 ASSEMBLER, AUTOMOBILE (auto. mfg.)
Assembler, Axle (auto. mfg.)
Assembler, Body (auto. mfg.)
Assembler, Final (auto. mfg.)
Assembler, Motor (auto. mfg.)
Assembler, Soft Trim (auto. mfg.)
Assembler, Transmission (auto. mfg.)
INSPECTOR, BICYCLE (motor. & bicycles)
bicycle inspector
MOTOR-TEST HELPER (auto. mfg.)
REPAIRMAN, GENERAL (auto. mfg.)
general repairer
SHIPFITTER HELPER (ship & boat bldg. & rep.)
UPHOLSTERER (aircraft mfg.)
assembler, aircraft, upholstery
WHEEL ASSEMBLER (trans. equip.)

807. **Bodymen, Transportation Equipment**

This group includes occupations concerned with repairing body members, parts, components, and attachments for such transportation equipment, as automobiles, aircraft, rail equipment, motorcycles, boats, and military tanks.

807.281 TRUCK-BODY BUILDER (auto. mfg.; auto. ser.)
body builder
TRUCK-BODY-BUILDER APPRENTICE (auto. mfg.; auto. ser.)
custom-body-builder apprentice
truck-and-trailer-body-builder apprentice
807.287 SHOP ESTIMATOR (auto. ser.)
807.381 AUTOMOBILE-BODY REPAIRMAN (auto. ser.)
automobile-body worker
automobile-collision serviceman
body-and-fender repairman
body-line finisher
body man
bumper
dent remover
dingman
fender-and-body repairman
hammer-out man
metal bumper
metal shrinker
metal worker
touch-up finisher, metal
Automobile-Body Repairman, Combination (auto. ser.)
AUTOMOBILE-BODY-REPAIRMAN APPRENTICE (auto. ser.)
body-and-fender-repairman apprentice

807.381 Con. AUTOMOBILE-BODY-REPAIRMAN APPRENTICE, COMBINATION (auto. ser.)
automobile - body - repairman - and-painter apprentice
BODY REPAIRMAN, BUS (auto. ser.)
body-and-seat inspector
body-shop mechanic
bus-body repairman
Door Repairman, Bus (auto. ser.)
Sash Repairman, Bus (auto. ser.)
INSPECTOR, FABRICATION (aircraft mfg.)
Inspector, Hammers and Presses (aircraft mfg.)
Trim-and-Cover Inspector (aircraft mfg.)
Welded-Parts Inspector (aircraft mfg.)
SERVICE MECHANIC (auto. mfg.)
SKIN MAN (aircraft mfg.; air trans.)
aircraft-metal worker
assemblyman
fuselage-covering fitter
skin fitter
skinner
sheet metal
807.387 INSPECTOR, SURFACE PROCESSING (aircraft mfg.)
finishing-and-processing inspector
inspector, processing
Inspector, Plating and Anodizing (aircraft mfg.)
807.587 WATER-TEST RIDER (auto. mfg.)
807.687 INSPECTOR, SHIPPING (agric. equip.)
inspector, finished machines and bundles
807.781 ASSEMBLER, ALUMINUM BOATS (ship & boat bldg. & rep.)
Hull Bender (ship & boat bldg. & rep.)
Hull Riveter (ship & boat bldg. & rep.)
Rib Installer (ship & boat bldg. & rep.)
FRAME REPAIRMAN (motor. & bicycles)
807.884 ASSEMBLER, DECK AND HULL (ship & boat bldg. & rep.)
deck and hull assembler
ASSEMBLER, SUBASSEMBLY (aircraft mfg.)
detail assembler
metal fabricator
subassembly assembler
AUTOMOBILE-BUMPER STRAIGHTENER (auto. ser.)
bumper straightener
BOAT PATCHER, PLASTIC (ship & boat bldg. & rep.)
assembly detailer
patcher, plastic boat
BURNISHER AND BUMPER (aircraft mfg.)
aircraft-skin burnisher
bumper and burnisher
dinger
dingman
FLOOR SERVICE MAN, SPRING (auto. ser.)
FRAME STRAIGHTENER (motor. & bicycles)
frame aliner
straightener-and-aliner
INSTALLER, SOFT TOP (auto. mfg.)
assembler, convertible top
MECHANICAL ASSEMBLER, PANELING (auto. mfg.)
MOLDMAN (ship & boat bldg. & rep.)
fiber-glass lay-up man
laminator
lay-up man
Deck Molder (ship & boat bldg. & rep.)
Hull Molder (ship & boat bldg. & rep.)
MUFFLER INSTALLER (auto. ser.)
SOLDERER, TORCH (auto. mfg.)
VANE-STRIP INSTALLER (aircraft mfg.)
tabvane installer
807.887 AUTOMOBILE-BODY-REPAIRMAN HELPER, METAL (auto. ser.)
STREETCAR-REPAIRMAN HELPER (loco. & car bldg. & rep.)
car-body-inspector helper

809. **Miscellaneous Occupations in Metal Fabricating, n.e.c.**

This group includes occupations, not elsewhere classified, concerned with fabricating structures from metal and related materials.

809.130 FOREMAN, METAL FABRICATING (any ind.)
shop foreman
steel fabricating foreman
Boilershop Foreman (any ind.)
Sheet-Metal-Shop Foreman (any ind.)
Structural-Steel-Shop Foreman (any ind.)
Tank-Shop Foreman (any ind.)
FOREMAN, LINE, FITTING (any ind.)
fitting foreman
809.131 ASSEMBLY FOREMAN (agric. equip.)
Motor-Assembly Foreman (agric. equip.)
INSPECTION FOREMAN (agric. equip.)
STRUCTURAL-STEEL-ERECTOR FOREMAN (const.)
iron-and-steel-work foreman
steel-erecting pusher
Riveting Foreman (const.)
Tower Foreman (const.)
809.134 ADJUSTABLE-STEEL-JOIST-SETTER FOREMAN (const.)
steel-setter foreman, adjustable joists
809.380 BALANCING-MACHINE SET-UP MAN (any ind.)
dynamic-balancer set-up man
809.381 FABRICATOR-ASSEMBLER, METAL PRODUCTS (any ind.)
frame maker
Awning-Frame Maker (fabric. prod., n.e.c.)
Metal Screen, Storm Door, and Window Builder (struct. & ornam. metalwork)
Tubular-Products Fabricator (any ind.)
LAY-OUT MAN (any ind.) I
SHEET-METAL-LAY-OUT MAN (any ind.)
template lay-out man
STRUCTURAL-STEEL LAY-OUT MAN (any ind.)
ORNAMENTAL-IRON WORKER (const.)
housesmith
metal-trim erector
ornamental-iron erector
Metal-Sash Setter (const.)
Ornamental-Bronze Worker (const.)
Ornamental-Rail Installer (const.)
Steel-Door Setter (const.)
Steel-Sash Erector (const.)
ORNAMENTAL-IRON-WORKER APPRENTICE (const.)
ornamental-metal-erector apprentice
TANK SETTER (petrol. production)
tank builder
809.687 INSPECTOR (furn.) I
checker
INSPECTOR AND TESTER (struct. & ornam. metalwork)
809.781 LAY-OUT MAN (any ind.) II
duplicator
lay-out maker
PNEUMATIC-TOOL OPERATOR (ship & boat bldg. & rep.)
809.884 ASSEMBLER, PRODUCTION LINE (struct. & ornam. metalwork) I
Channel Installer (struct. & ornam. metalwork)
Frame Assembler (struct. & ornam. metalwork)
Hardware Installer (struct. & ornam. metalwork)
Kick-Plate Installer (struct. & ornam. metalwork)
AWNING-FRAME MAKER (canvas goods)
frame bender
CASKET ASSEMBLER, METAL (mort. goods)
DINGMAN (any ind.)
DRILLER (loco. & car bldg. & rep.; ship & boat bldg. & rep.)
driller, portable
DRILLER, HAND (any ind.) II
driller, portable

809.884 Con.
GRINDER-CHIPPER (any ind.) II
grinder, rough
Chipper (any ind.) II
Grinder (any ind.) II
ALINEMENT ASSEMBLER AND REPAIRMAN (bal. & scales)
INSULATION-BLANKET MAKER (aircraft mfg.)
blanket maker
Thompsoglass assembler
TEMPLATE MAKER, TRACK (any ind.)

809.887 HELPER, MANUFACTURING (aircraft mfg.)
general helper
HULL AND DECK REMOVER (ship & boat bldg. & rep.)
boat puller
LABORER, SHIPYARD (ship & boat bldg. & rep.)
LABORER, STEEL HANDLING (const.)
Shell-Gang Worker (const.)
MOLD PREPARER (ship & boat bldg. & rep.)
mold finisher
ORNAMENTAL-IRON-WORKER HELPER (const.)
ornamental-iron-erector helper
TANK-SETTER HELPER (petrol. production)
tank builder helper
WIRE BENDER (matt. & bedspring)
Edge-Wire Former (matt. & bedspring)

81 **WELDERS, FLAME CUTTERS, AND RELATED OCCUPATIONS**

This division includes occupations concerned with joining, surfacing, or otherwise fabricating or repairing structures or parts, using gas or electric welding, soldering, or brazing equipment with or without filler material; fusing to join or shape lead products or parts, using a gas torch; cutting or perforating metal, using gas or electric cutting equipment.

810. **Arc Welders**

This group includes occupations concerned with welding, using electric welding equipment which achieves welding temperature and jointure by passing electric current across an air gap between the workpiece and a manually or mechanically guided electrode.

810.131 WELDER FOREMAN, PIPE LINE (const.)

810.782 WELDER, BUTT (welding) I
WELDER, SEAM (welding) I
WELDER, SPOT (welding) I
Welder, Multiple Spot (welding)
BRAZER, RESISTANCE (welding) I
WELDING-MACHINE OPERATOR, ARC (welding)
unionmelt operator
welding-machine operator, automatic
WELDING-MACHINE OPERATOR, GAS-SHIELDED ARC (welding)
Tungsten-Welding-Machine Operator, Inert Gas (welding)
WELDING-MACHINE OPERATOR, SUBMERGED ARC (welding)
machine welder, submerged arc

810.884 WELDER APPRENTICE, ARC (welding)
WELDER, ARC (welding)
Welder-Burner (welding)
BOILERMAKER WELDER (boilermaking)
welder, certified
WELDER, ATOMIC (welding)
welder, hydrogen arc
WELDER, GAS-SHIELDED ARC (welding)
welder, metal, inert gas
welder, mig
welder, tig
Tungsten Welder, Inert Gas (welding)
Welder, Heliarc (welding)
WELDER, HAND, SUBMERGED ARC (welding)
welder, squirt
WELDER, GUN (welding)
welder, portable spot
WELDER, TACK (welding)
tacker

811. **Gas Welders**

This group includes occupations concerned with welding, using gas-welding equipment.

811.782 WELDING-MACHINE OPERATOR, GAS (welding)
welder, gas, automatic

811.884 WELDER APPRENTICE, GAS (welding)
WELDER, GAS (welding)
welder, acetylene
welder, oxyacetylene
welder, oxyhydrogen

812. **Combination Arc Welders and Gas Welders**

This group includes occupations concerned with welding, using gas- and arc-welding equipment.

812.884 WELDER APPRENTICE, COMBINATION (welding)
WELDER, COMBINATION (welding)
WELDER, REPAIR (welding)
maintenance welder
Welder, Casting Repair (found.)
Welder, Salvage (welding)
WELDER, PRODUCTION LINE (welding)
Brazer, Production Line (welding)
Welder, Production Line, Arc (welding)
Welder, Production Line, Combination (welding)
Welder, Production Line, Gas (welding)

813. **Resistance Welders**

This group includes occupations concerned with welding equipment that passes an electric current through workpiece to achieve welding temperature and jointure without filler material.

813.281 RESISTANCE-WELDING TECHNICIAN (welding)

813.380 WELDER SET-UP MAN, RESISTANCE MACHINE (welding)
welder, foreman, spot
Butt Welder Set-Up Man (welding)
Spot Welder Set-Up Man (welding)

813.885 WELDER, RESISTANCE MACHINE (welding)
resistance-welder operator
Brazer, Resistance (welding) II
Welder, Butt (welding) II
Welder, Magnetic (welding)
Welder, Multiple Spot (welding)
Welder, Percussion (welding)
Welder, Projection (welding)
Welder, Seam (welding) II
Welder, Spot (welding) II

814. **Brazing, Braze-Welding, and Soldering Occupations**

This group includes occupations concerned with brazing, braze-welding, or soldering, using electric or gas-fired ovens and equipment.

814.380 BRAZING-MACHINE SET-UP MAN (welding)
silver-soldering-machine set-up man
soldering-machine set-up man

814.780 SET-UP MAN, INDUCTION HEATING (firearms)

814.782 BRAZER, FURNACE (welding)
solderer, furnace
BRAZER, CONTROLLED ATMOSPHERIC FURNACE (welding)
hydrogen braze-furnace operator
BRAZER, INDUCTION (welding) I
brazer, electronic
solderer, electronic
Solderer, Induction (welding)
BRAZING-MACHINE OPERATOR (welding) I
brazing-machine operator, automatic
flame-brazing-machine operator
soldering-machine operator, automatic
Soldering-Machine Operator (welding)

814.884 BRAZER-ASSEMBLER (welding)
brazer
torch brazer
Brazer, Assembly Repair (welding)
Solderer, Torch (welding)
BRAZER, CRAWLER TORCH (welding)
seamer
seamer, wire screen
BRAZER, REPAIR AND SALVAGE (welding)
Brazer, Test and Repair (welding)
SOLDERER, BARREL RIBS (firearms)
SOLDERER, PRODUCTION LINE (welding)
SOLDERER-DIPPER (welding)

814.885 BRAZER, INDUCTION (welding) II
operator, induction soldering machine
Solderer, Induction (welding)
BRAZING-MACHINE OPERATOR (welding)
brazing-machine operator, automatic
flame brazing-machine operator
soldering-machine operator, automatic
Soldering-Machine Operator (welding)
SOLDERING-MACHINE OPERATOR (jewelry)

815. **Lead Burning Occupations**

This group includes occupations concerned with fusing, joining, or shaping lead parts, such as tank linings, pipe, and battery posts, using a gas torch.

815.131 LEAD-BURNER FOREMAN (welding)

815.281 LEAD BURNER (welding)
Shielding Installer (welding)
LEAD-BURNER APPRENTICE (welding)

815.782 LEAD BURNER, MACHINE (elec. equip.)
group burner, machine

816. **Flame Cutters and Arc Cutters**

This group includes occupations concerned with severing or trimming materials, using gas-flame or electric-arc cutting equipment.

816.782 FLAME-CUTTING-MACHINE OPERATOR (welding)
burning-machine operator
flame planer
gas-cutting-machine operator
radiagraph operator
Oxygen-Lance Cutter (welding)
FLAME-CUTTING TRACER-MACHINE OPERATOR (welding)
pantograph operator
Electronic-Eye Flame-Cutting-Machine Operator (welding)
Magnetic Flame-Cutting-Machine Operator (welding)
Track-Template Flame-Cutting-Machine Operator (welding)

816.884 ARC CUTTER (welding)
arc-air operator
burn-out-scarfing operator
carbon-arc cutter
Arc Cutter, Gas-Shielded-Tungsten Arc (welding)
FLAME CUTTER, HAND (welding) I
burner, hand
cutter, gas
flame gouger
torch cutter
Flame Scarfer (welding)
FLAME CUTTER, HAND (welding) II
scrap burner
scrap cutter

819. **Welders, Flame Cutters, and Related Occupations, n.e.c.**

This group includes occupations, not elsewhere classified, concerned with welding, brazing, soldering, lead burning, cutting, and related activities.

819.131 FOREMAN (welding)
weld-shop foreman

819.381 WELDER-FITTER (welding)
welding lay-out man
welding set-up man
Welder-Fitter, Arc (welding)
Welder-Fitter, Gas (welding)
Welder, Structural Repair (welding)
WELDER, TOOL AND DIE (welding)
WELDER-FITTER APPRENTICE (welding)
welding-lay-out-and-set-up-man apprentice
WELD INSPECTOR (welding)
welding tester
WELDABILITY-TEST INSPECTOR (welding)

819.781 FIT-UP MAN (mach. mfg.)

819.884 BUFFING-MACHINE MAN (const.)

819.886 MACHINE FEEDER (welding)
welding-machine operator
Brazing-Furnace Feeder (welding)
Brazing-Machine Feeder (welding)
Soldering-Machine Feeder (welding)
Spot-Welder Feeder (welding)
MACHINE HELPER (welding)
Brazer Helper, Furnace (welding)
Brazer Helper, Induction (welding)
Brazing-Machine-Operator Helper (welding)
Flame-Cutting-Machine-Operator Helper (welding)
Flux Brusher (welding)
Slag Scraper (welding)
Soldering-Machine-Operator Helper (welding)
Welding-Machine-Operator Helper, Arc (welding)

819.886 Con. Welding-Machine-Operator Helper, Gas (welding)
819.887 WELDER HELPER (welding)
Flame-Cutter Helper (welding)

82 **ELECTRICAL ASSEMBLING, INSTALLING, AND REPAIRING OCCUPATIONS**

This division includes occupations concerned with assembling, installing, erecting, and repairing electrical equipment and related structures designed for electric power generation, transmission, and distribution; communication, signaling, and object detection; process control, fire control, and data processing; transportation and materials-handling; heating, air conditioning, refrigeration, and illumination; and other industrial, commercial, and domestic electrical applications.

820. **Occupations in Assembly, Installation, and Repair of Generators, Motors, Accessories, and Related Powerplant Equipment**

This group includes occupations concerned with assembling components and premachined parts; connecting electrical circuits; testing circuitry and operation of generators, motors, accessories, controls, and related equipment; and making on-site repairs to operating equipment.

820.131 CIRCUIT-BREAKER FOREMAN (light, heat, & power)
electric-generation-station foreman
ELECTRICIAN FOREMAN, SUBSTATION (light, heat, & power)
electric-repair foreman
electric-repair supervisor
special inspecting-and-testing foreman

820.138 TRANSFORMER ASSEMBLY FOREMAN (elec. equip.)

820.281 CIRCUIT-BREAKER MECHANIC (light, heat, & power)
electric-generation-station mechanic
ELECTRICIAN APPRENTICE, POWERHOUSE (light, heat, & power)
ELECTRICIAN, POWERHOUSE (light, heat, & power)
ELECTRICIAN, RECTIFIER MAINTENANCE (light, heat, & power)
ELECTRICIAN, SUBSTATION (light, heat, & power)
special inspecting-and-testing journeyman
MOTOR-ROOM CONTROL MAN (light, heat, & power)
ENGINE-ASSEMBLY FOREMAN (engine & turbine)

820.381 BATTERYMAN, LARGE EMERGENCY STORAGE (light, heat, & power)
battery-maintenance man
CORROSION-CONTROL FITTER (light, heat, & power)
ELECTRIC-MOTOR-GENERATOR-SET ASSEMBLER (elec. equip.)
assembler-erector, motor-generator sets
motor-generator-set assembler
ENGINE-GENERATOR-SET ASSEMBLER (engine & turbine)
TRANSFORMER ASSEMBLER (elec. equip.)
Distribution-Transformer Assembler (elec. equip.)
Power-Transformer Assembler (elec. equip.)

820.781 DYNAMO MAN (light, heat, & power)
REGULATOR INSPECTOR (light, heat, & power)
regulator maintenance man

821. **Occupations in Assembly, Installation, and Repair of Transmission and Distribution Lines and Circuits**

This group includes occupations concerned with erecting and repairing powerlines and circuits for transmission and distribution of electricity, and assembling and erecting related equipment and structures.

821.131 ELECTRICAL-INSTALLATION INSPECTOR (light, heat, & power)
service-and-meter foreman
service inspector

821.131 Con. ELECTRIC-METERMAN FOREMAN (light, heat, & power)
LINE FOREMAN (light, heat, & power)
Emergency-Crew Foreman (light, heat, & power)
Line-Construction Foreman (light, heat, & power)
Line Foreman, Tower (light, heat, & power)
SERVICE FOREMAN (light, heat, & power) II
STEEL-POST-INSTALLER FOREMAN (light, heat, & power)
WIREMAN FOREMAN (light, heat, & power)
electrician-constructor foreman

821.281 LINEMAN (any ind.)
District Lineman (any ind.)
TELEVISION-CABLE LINEMAN (radio & tv broad.)
RADIO INVESTIGATOR (light, heat, & power)
radio-interference trouble man
radioman
radio trouble man
RELAY-TECHNICIAN JOURNEYMAN (light, heat, & power)
TROUBLE MAN (light, heat, & power) II
emergency lineman
service lineman
trouble shooter

821.381 CABLE MAN (light, heat, & power)
electrician, underground
ELECTRIC-METER INSTALLER (light, heat, & power) I
electrician, meter installation
electric-meter setter
meter installer
CUT-IN AND CUT-OUT MAN (light, heat, & power)
cut-out and cut-in man
METERMAN, OUTSIDE (light, heat, & power)
ELECTRIC-METER TESTER (light, heat, & power)
meter tester
DEMAND-METER INSPECTOR (light, heat, & power)
maximum-demand-meter tester
ELECTROLYSIS TESTER (r.r. trans.)
LINEMAN (const.; light, heat, & power)
TOWERMAN (const.; light, heat, & power)
LINEMAN APPRENTICE (light, heat, & power)
repair-lineman apprentice
LINEMAN, REPAIR (light, heat, & power)
hiker
hot-wire lineman
lineman, journeyman
line serviceman
repairman, line
Lineman, Tower (light, heat, & power)
LINEMAN, STREET RAILWAY (r.r. trans.)
lineman, trolley
POWER-TRANSFORMER REPAIRMAN (light, heat, & power)
transformer assembler
VOLTAGE TESTER (light, heat, & power)
test lineman

821.384 TAMPERING INSPECTOR (light, heat, & power)
electric-meter inspector

821.387 CONSTRUCTION CHECKER (light, heat, & power)
inspector and clerk
power-line inspector
PRIMARY METERMAN (light, heat, & power)
SAFETY INSPECTOR (light, heat, & power)

821.884 ELECTRIC-METER INSTALLER (light, heat, & power) II
LABORATORY HELPER (light, heat, & power)
Demand-Meter-Inspector Helper (light, heat, & power)
Electric - Meter - Repairman Helper (light, heat, & power)
Electric-Meter-Tester Helper (light, heat, & power)
Relay-Tester Helper (light, heat, & power)
WIREMAN, STREET LIGHT (light, heat, & power)

821.887 GROUNDMAN (light, heat, & power; tel. & tel.)
Groundman, Street Railway (r.r. trans.)

821.887 Con. HELPER, ELECTRICAL (light, heat, & power)
electrician helper
Cable-Man Helper (light, heat, & power)
Duct-Layer Helper (const.; light, heat, & power)
Electrician Helper, Powerhouse (light, heat, & power)
Electric-Meter-Installer Helper (light, heat, & power)
Rectifier-Operator Helper (light, heat, & power)
Wireman Helper (light, heat, & power)
STEEL-POST INSTALLER (light, heat, & power)
laborer, pole crew
pole setter
STONE UNLOADER (const.)

822. **Occupations in Assembly, Installation, and Repair of Wire Communication, Detection, and Signaling Equipment**

This group includes occupations concerned with erecting, installing, or repairing overhead and underground telephone and telegraph lines and equipment; and installing or repairing wiring and equipment within buildings to provide communication, detection, and signaling services.

822.131 CENTRAL-OFFICE-REPAIRMAN SUPERVISOR (tel. & tel.)
installation supervisor
maintenance chief
operations chief
switchman foreman
wire chief
Central-Office Supervisor (tel. & tel.)
City-Plant Supervisor (tel. & tel.)
District-Plant Supervisor (tel. & tel.)
Inside-Plant Supervisor (tel. & tel.)
Outside-Plant Supervisor (tel. & tel.)
LINE FOREMAN (tel. & tel.)
REPAIRMAN FOREMAN (tel. & tel.)
customer-facilities foreman
maintenance supervisor
manager, service
service-center supervisor
Installation Foreman (tel. & tel.)
Manager, Prorate (tel. & tel.)
Transmission-Maintenance Supervisor (tel. & tel.)
SIGNAL FOREMAN (r.r. trans.)
TEST-DESK SUPERVISOR (tel. & tel.)

822.138 PROTECTIVE-SIGNAL SUPERINTENDENT (bus. ser.)
burglar alarm superintendent

822.281 AUTOMATIC-EQUIPMENT TECHNICIAN (tel. & tel.)
technician, automatic
telegraph-equipment maintainer
telegraph-printer maintenance man
teletype maintenance man
teletype man
teletype repairman
teletypewriter repairman
Operations Technician (tel. & tel.)
Printer Maintainer (tel. & tel.)
Telegraphic-Typewriter Repairman (tel. & tel.)
CENTRAL-OFFICE REPAIRMAN (tel. & tel.)
central-office maintainer
switchman
Powerman (tel. & tel.) II
Toll Repairman, Central Office (tel. & tel.)
COMBINATION MAN (tel. & tel.)
section maintainer
INSTALLER REPAIRMAN (tel. & tel.)
installer and maintenance man
COMMUNICATION ENGINEER (light, heat, & power)
COMMUNICATION MAN (any ind.)
communication-equipment man
electrician, telephone
maintenance mechanic, telephone
switchboard man
ELECTRICIAN, OFFICE (tel. & tel.)
electrician, station, assistant
EQUIPMENT INSPECTOR (tel. & tel.)
MAINTENANCE INSPECTOR (tel. & tel.)

822.281 Con. MECHANICIAN, SUBMARINE CABLE EQUIPMENT (tel. & tel.)
radioman
tester
PRIVATE-BRANCH-EXCHANGE REPAIRMAN (tel. & tel.)
p.b.x. repairman
telephone repairman
SIGNAL MAINTAINER (r.r. trans.)
electric-signal lineman
signal inspector
signal-maintenance man
signal repairman
STATION REPAIRMAN (tel. & tel.)
line-and-station repairman
trouble shooter
TEST-AND-REGULATING TECHNICIAN (tel. & tel.)
automatic maintainer
regulating-and-testing man
repeater attendant
technician, terminal and repeater
technician, wire and repeater
tester, equipment
wire-and-repeater technician
Telegraph-Repeater Technician (tel. & tel.)
SUBMARINE-CABLE-STATION TECHNICIAN (tel. & tel.)
cable-station technician
testboardman

822.287 LINE INSPECTOR (tel. & tel.)
inspector, line

822.381 CABLE REPAIRMAN (tel. & tel.)
CABLE TESTER (tel. & tel.)
cable testman
CENTRAL-OFFICE INSTALLER (tel. & tel.)
equipment installer
EQUIPMENT INSTALLER (tel. & tel.) I
Call-Box Wirer (tel. & tel.)
Telegraphic-Typewriter Installer (tel. & tel.)
Telegraph-Repeater Installer (tel. & tel.)
Teletype Installer (tel. & tel.)
Tickerman (tel. & tel.)
Time-Signal Wirer (tel. & tel.)
LINEMAN (tel. & tel.)
Lineman, City (tel. & tel.)
Toll-Line Repairman (tel. & tel.)
LINEMAN, SECTION (tel. & tel.)
PRIVATE-BRANCH-EXCHANGE INSTALLER (tel. & tel.)
p.b.x. installer
Private-Branch-Exchange Man, Mobile Radio (tel. & tel.)
Private-Branch-Exchange Man, Teletypewriter (tel. & tel.)
Radioman (tel. & tel.) I
Telephoto Man (tel. & tel.)
Teleprinter Man (tel. & tel.)
Video Man (tel. & tel.)
PRIVATE-BRANCH-EXCHANGE-INSTALLER APPRENTICE (tel. & tel.)
p.b.x. installer apprentice
PROTECTIVE-SIGNAL INSTALLER (bus. ser.)
burglar-alarm installer
wireman
PROTECTIVE-SIGNAL REPAIRMAN (bus. ser.)
burglar-alarm installer and serviceman
burglar-alarm repairman
burglar-alarm serviceman
STATION INSTALLER (tel. & tel.)
line-and-station installer
telephone installer
TELEGRAPH-PLANT MAINTAINER (tel. & tel.)
equipment installer
maintainer, central office
maintainer, equipment
maintainer, plant
TELEPHONE INSPECTOR (tel. & tel.)
TEST DESKMAN (tel. & tel.)
dispatcher
local-test deskman
testman
testboardman
toll-test deskman

822.381 Con. TRANSMISSION MAN (tel. & tel.)
transmission tester

822.884 FRAMEMAN (tel. & tel.)
wireman
PLANT WIREMAN (tel. & tel.)
PROTECTIVE-SIGNAL-INSTALLER HELPER (bus. ser.)
PROTECTIVE-SIGNAL-REPAIRMAN HELPER (bus. ser.)
burglar-alarm-repairman helper
SIGNALMAN HELPER (r.r. trans.)
assistant signalman

823. Occupations in Assembly, Installaton, and Repair of Electronic Communication, Detection, and Signaling Equipment.

This group includes occupations concerned with assembling equipment components; connecting and testing circuitry; installing equipment to provide electronic communication, detection, signaling, recording, analyzing, and computing services; and making on-site repairs in buildings, ships, trains, and aircraft.

823.138 RIGGER FOREMAN (radio & tv broad.; tel. & tel.)
rigger, radio, chief

823.281 ALARM-TROUBLE MAN (bus. ser.)
ELECTRICIAN, RADIO (any ind.)
radio-communications mechanician
radio-maintenance repairman
radio mechanic
station-maintenance man
station mechanic
transmitter repairman
RADIO-COMMUNICATIONS-EQUIPMENT INSTALLER-SERVICEMAN (tel. & tel.)
Marine-Radio Installer-Serviceman (tel. & tel.)
Radio-Telegraph Operator-Serviceman (tel. & tel.)
METEOROLOGICAL-EQUIPMENT REPAIRER (any ind.)
electronics technician
instrument repairman
PUBLIC-ADDRESS SERVICEMAN (any ind.)
electronic-sound technician
public-address-system operator
sound-equipment man
Sound-Truck Operator (any ind.)
RADIO MECHANIC (any ind.) II
Inspector-and-Repairman, Aircraft Radios (any ind.)
Radio Mechanic, Ground Installations (any ind.)
RADIO MECHANIC, AIRCRAFT INSTALLATIONS (aircraft mfg.; air trans.)
airplane-radio tester
radio-and-electrical mechanic
radio-equipment installer
radio-maintenance man
radio-maintenance repairman
radio repairman
radio-testing man
RIGGER (radio & tv broad.; tel. & tel.)
lineman

823.781 TELEVISION-INSTALLATION MAN (any ind.)

823.884 ANTENNA INSTALLER (any ind.)
RADIO-MECHANIC HELPER (any ind.)
radio helper

824. Occupations in Assembly, Installation, and Repair of Lighting Equipment and Building Wiring, n.e.c.

This group includes occupations, not elsewhere classified, concerned with wiring buildings and adjacent yards to provide electricity for power and lighting; assembling and installing lighting equipment, conduit switches, junction and fuse boxes, and related accessories and controls; and repairing wiring and components.

824.138 ELECTRICIAN, CHIEF (motion pic.)
STREET-LIGHT-SERVICEMAN FOREMAN (light, heat, & power)

824.281 ELECTRIC-DISTRIBUTION CHECKER (const.; light, heat, & power)
ELECTRICIAN (any ind.)
wireman
Mine Electrician (mining & quarrying)
ELECTRICIAN APPRENTICE (any ind.)

824.281 Con. NEON-SIGN SERVICEMAN (signs)
signman

824.381 ELECTRICIAN, STAGE (amuse. & rec.)
electrician, backstage
electrician, theater
STREET-LIGHT SERVICEMAN (light, heat, & power)
street-light repairman
Traffic-Signal Repairman (light, heat, & power)

824.683 NIGHT-PATROL INSPECTOR (signs)

824.781 AIRPORT ELECTRICIAN (air trans.)

824.884 ELECTRICIAN, STUDIO (motion pic.)
grid man
MOTOR-VEHICLE-LIGHT ASSEMBLER (light. fix.)
automobile-light assembler
Automobile-Headlight Assembler (light. fix.)
Automobile-Taillight Assembler (light. fix.)
Truck-Headlight Assembler (light. fix.)
PUMPMAN (signs)
neon-tube pumper
pumper
STREET-LIGHT-REPAIRMAN HELPER (light, heat, & power)

825. Occupations in Assembly, Installation, and Repair of Transportion and Materials Handling Equipment, n.e.c.

This group includes occupations, not elsewhere classified, concerned with wiring and repairing electrical power units and controls for transportation and material-handling equipment, and adjusting or repairing electrical components and circuits.

825.131 ELECTRICIAN FOREMAN (ship & boat bldg. & rep.)
ELEVATOR-CONSTRUCTOR FOREMAN (const.)
FOREMAN, ELECTRICAL (loco. & car bldg. & rep.)

825.138 SUPERVISOR, LINE DEPARTMENT (r.r. trans.)
line foreman

825.281 ELECTRICAL REPAIRMAN (aircraft mfg.)
electrical assembler
ELECTRICIAN (water trans.)
Electrician, Chief (water trans.)
Electrician, Deck (water trans.)
Electrician, Second (water trans.)
Electrician, Sound (water trans.)
Electrician, Third (water trans.)
ELECTRICIAN, AIRPLANE (aircraft mfg.)
assembler, aircraft, electrical and radio
electrical-and-radio assemblyman
electrical wireman
electrician, aircraft
Electrician, Field Service (aircraft mfg.)
ELECTRICIAN, AUTOMOTIVE (auto. ser.)
ignition repairman
Electrical-Unit Rebuilder (auto. ser.)
Electrician, Bus (auto. ser.)
Ignition-and-Carburetor Mechanic (auto. ser.)
Windshield-Wiper Repairman (auto. ser.)
ELECTRICAL REPAIRMAN, INTERNAL COMBUSTION ENGINES (engine & turbine)
ELECTRICIAN, LOCOMOTIVE (loco. & car bldg. & rep.)
Accessories Repairman (loco. & car bldg. & rep.)
Electrician, Control Equipment (loco. & car bldg. & rep.)
Wireman, Passenger Car (loco. & car bldg. & rep.)
ELECTRIC-TRACK-SWITCH MAINTAINER (r.r. trans.)
lineman, electric switches-and-signals
ELEVATOR EXAMINER-AND-ADJUSTER (any ind.)
elevator inspector
EXPERIMENTAL-ROCKET-SLED MECHANIC (aircraft mfg.)

825.381 AIRCRAFT MECHANIC, ELECTRICAL AND RADIO (aircraft mfg.)

825.381 Con. AUTOMATIC-WINDOW-SEAT-AND-TOP-LIFT REPAIRMAN (auto. ser.)
top-lift and automatic-window repairman
CONTROLLER REPAIRMAN (loco. & car bldg. & rep.)
control inspector
ELECTRICAL-AND-RADIO MOCK-UP MAN (aircraft mfg.)
developer-prover, electrical
electrical-and-electronics development mechanic
ELECTRICAL INSPECTOR (aircraft mfg.)
assembly inspector, electrical
electrical-system tester
final-electrical tester
Inspector, Preflight, Radio and Electrical (aircraft mfg.)
RADIO-AND-ELECTRICAL INSPECTOR (aircraft mfg.; air trans.)
ELECTRICIAN (ship & boat bldg. & rep.)
electrician, marine
electrician, outside
Electrician, Ship (ship & boat bldg. & rep.)
Electrician, Shop (ship & boat bldg. & rep.)
Electrician, Yard (ship & boat bldg. & rep.)
ELECTRICIAN, AIRPLANE (air trans.)
ELECTRICIAN APPRENTICE (ship & boat bldg. & rep.)
marine-electrician apprentice
ELEVATOR CONSTRUCTOR (const.)
elevator builder
elevator erector
elevator installer
elevator mechanic
Elevator Constructor, Electric (const.)
Elevator Constructor, Hydraulic (const.)
Escalator Constructor (const.)
825.781 THIRD RAILMAN (r.r. trans.)
trolley railman
Underground-Conduit Man (r.r. trans.)
825.884 ELEVATOR-CONSTRUCTION HELPER (const.)
elevator-erector helper

826. Occupations in Assembly, Installation, and Repair of industrial Apparatus, n.e.c.

This group includes occupations, not elsewhere classified, concerned with assembling, installing, and repairing industrial apparatus involving electrical circuitry.

826.131 ELECTRICAL FOREMAN (petrol. production)
826.281 FIELD-SERVICE ENGINEER (photo. apparatus)
826.381 ASSEMBLER, ELECTRONIC HEATER (elcc. equip.)
CONTROL-CABINET ASSEMBLER (elec. equip.)
assembler, wireman
control-panel wireman
panel assembler and wirer
WELDING-MACHINE ASSEMBLER (elec. equip.)
826.884 ANODE BUILDER (chem.)
anode man
CELL-RENEWAL MAN (chem.)
cell changer
Mercury-Cell Cleaner (chem.)
CELL INSTALLER (chem.)
CELL REPAIRMAN (chem.)
POT BUILDER (chem.)
cathode builder
diaphragm builder
RESISTOR ASSEMBLER (elec. equip.)
coil-unit assembler, helix

827. Occupations in Assembly, Installation, and Repair of Large Household Appliances and Similar Commercial and Industrial Equipment

This group includes occupations concerned with installing service lines, connecting leads, and assembling components and accessories to install or repair large household electrical appliances and equivalent commercial and industrial installations, such as refrigerators, freezers, air conditioners, heaters, washers, driers, and their related controls.

827.131 ELECTRICAL-APPLIANCE-SERVICEMAN FOREMAN (any ind.)
SHOP FOREMAN (light, heat, & power)
827.281 COFFEE-MAKER SERVICEMAN (any ind.)
urn serviceman
ELECTRICAL-APPLIANCE SERVICEMAN (any ind.)
appliance-service representative
electrical-appliances troubleman
electrical-household-appliance serviceman
service repairman
Clothes-Drier Repairman (any ind.)
Dishwashing-Machine Repairman (any ind.)
Electric-Range Serviceman (any ind.)
Electric-Refrigerator Serviceman (any ind.)
Washing-Machine Serviceman (any ind.)
ELECTRICAL-APPLIANCE-SERVICEMAN APPRENTICE (any ind.)
major-appliance-serviceman apprentice, electrical
HOUSEHOLD-APPLIANCE REPAIRMAN (any ind.)
827.381 AIR-CONDITIONING-UNIT TESTER (refrigerat. equip.)
CONTROL-PANEL ASSEMBLER (elec. equip.) I
HOUSEHOLD-APPLIANCE-INSTALLATION MAN (any ind.)
installation man
REFRIGERATION MECHANIC (refrigerat. equip.)
VIBRATOR-EQUIPMENT TESTER (mach. mfg.)
tester, vibrator equipment
WIND-TUNNEL-MAINTENANCE MAN (aircraft mfg.)
wind-tunnel mechanic
827.387 REFRIGERATOR TESTER (refrigerat. equip.)
827.584 GAS-LEAK TESTER (refrigerat. equip.)
827.884 AIR-CONDITIONING INSTALLER, DOMESTIC (any ind.)
air-conditioning-window-box installer
AIR-CONDITIONING-UNIT INSTALLER (refrigerat. equip.)
air-conditioning-unit assembler
ASSEMBLER, COOLERS (refrigerat. equip.)
cooler assembler, final assembly
ASSEMBLER, ELECTRICAL (elec. equip.)
AUTOMOBILE AIR-CONDITIONER ASSEMBLER (refrigerat. equip.)
ELECTRICAL-APPLIANCE SET-UP MAN (any ind.)
uncrater
Dishwasher Set-Up Man (any ind.)
Electric-Range Set-Up Man (any ind.)
Electric-Refrigerator Set-Up Man (any ind.)
Washer-Drier Set-Up Man (any ind.)
827.885 GAS CHARGER (refrigerat. equip.)
charging-board operator
827.887 ELECTRICAL-APPLIANCE-SERVICEMAN HELPER (any ind.)
SNOWMAN (any ind.)
defroster

828. Occupations in Fabrication, Installation, and Repair of Electrical and Electronics Products, n.e.c.

This group includes occupations, not elsewhere classified, concerned with assembling, installing, erecting, and repairing electrical and electronic products.

828.251 ELECTRONIC-SALES-AND-SERVICE TECHNICIAN (profess. & kin.)
828.281 ELECTRONICS MECHANIC (any ind.)
communication technician
electronics-equipment mechanic
electronics-maintenance man
electronics specialist
electronics-system mechanic
electronics technician
Electronics Mechanic, Computer (any ind.)
Radar Mechanic (any ind.)
COMPONENT-INSPECTION TECHNICIAN (electronics)
CUSTOMER-ENGINEERING SPECIALIST (office mach.)
field-service technician, computers
ELECTRIC-ORGAN TECHNICIAN (any ind.)
electronic-organ technician
828.281 Con. RADIOACTIVITY - INSTRUMENT - MAINTENANCE TECHNICIAN (petrol. production)
radioactivity technician
ELECTRONICS-MECHANIC APPRENTICE (any ind.)
electronics-technician apprentice

829. Occupations in Installation and Repair of Electrical Products, n.e.c.

This group includes occupations, not elsewhere classified, concerned with assembling, installing, erecting, and repairing electrical equipment and related structures.

829.131 CABLE FOREMAN (const.; light, heat, & power; tel. & tel.)
cable-splicing foreman
ELECTRICIAN FOREMAN (any ind.)
electrician supervisor
foreman, electrician
Building-Maintenance Supervisor, Electrical (any ind.)
Electrician Foreman, Airplane (air trans.)
Electrician Foreman, Automotive (auto. ser.)
Electrician Foreman, Maintenance (any ind.)
FOREMAN, ELECTRICAL-REPAIR AND TELEPHONE-LINE MAINTENANCE (light, heat, & power)
829.134 UNDERGROUND FOREMAN (light, heat, & power)
829.281 AUTOMATIC-DOOR SERVICEMAN (const.)
COMPLAINT INSPECTOR (light, heat, & power)
complaint man
DENTAL-EQUIPMENT INSTALLER AND SERVICEMAN (whole. tr.)
ELECTRICAL REPAIRMAN (any ind.)
electrician, maintenance
electrician, repair
trouble man, electrical
trouble shooter, electrical
wireman
Electrician, Crane Maintenance (any ind.)
Electrician, Machine Shop (mach. shop)
Electrician, Refinery (petrol. refin.)
Time-Clock Repairman (elec. equip.)
COMPLAINT INSPECTOR (light, heat & power)
complaint man
UNDERGROUND REPAIRMAN (light, heat, & power)
WATCH ELECTRICIAN (tel. & tel.)
WIREMAN, MAINTENANCE (light, heat, & power)
electrical mechanic
ELEVATOR REPAIRMAN (any ind.)
electrician, elevator maintenance
elevator mechanic
elevator-repair mechanic
maintenance mechanic, elevators
ELEVATOR-REPAIRMAN APPRENTICE (any ind.)
electrician apprentice, elevator maintenance
FIELD ENGINEER (electronics)
field-service representative
field-technical representative
technical representative
PINSETTER MECHANIC, AUTOMATIC (any ind.)
bowling-pin-machine mechanic
SOUND TECHNICIAN (any ind.)
inter-com installer
inter-com serviceman
829.381 CABLE SPLICER (const.; light, heat, & power; tel. & tel.)
cable repairman
electrician, cable splicing
splicer
Jointer, Submarine Cable (tel. & tel.)
CABLE-SPLICER APPRENTICE (const.; light, heat, & power; tel. & tel.)
splicer apprentice
CIRCULATING-PROCESS INSPECTOR (elec. equip.)
inspector, process
Transformer Inspector (elec. equip.)
Wiring Inspector (elec. equip.)
EQUIPMENT INSTALLER (any ind.)
ORGAN TUNER, ELECTRONIC (any ind.)

829.381 Con. PRECISION ASSEMBLER (aircraft mfg.; electronics)
electromechanical assembler, precision
829.684 BATTERY INSPECTOR (loco. & car bldg. & rep.)
BODY WIREMAN (auto. mfg.; trans. equip.)
coach wireman
electrician, wiring
wireman
829.884 CABLE PULLER (const.; light, heat, & power; tel. & tel.)
ELECTRICIAN HELPER (ship & boat bldg. & rep.)
ELEVATOR-REPAIRMAN HELPER (any ind.)
829.887 CABLE-SPLICER HELPER (const.; light, heat, & power; tel. & tel.)
ELECTRICIAN HELPER (any ind.)
electrical-wireman helper
wireman helper

84 PAINTING, PLASTERING, WATERPROOFING, CEMENTING, AND RELATED OCCUPATIONS

This division includes occupations concerned with preparing surfaces to be covered; mixing coating ingredients; erecting scaffolding; applying protective or decorative materials, such as cement, concrete, lacquer, paint, plaster, and wallpaper, to structural surfaces by spraying, brushing, troweling, or hand-pressing.

840. Construction and Maintenance Painters and Related Occupations

This group includes occupations concerned with applying paint and related materials to machinery, equipment, buildings, bridges, tanks, and marine hulls and superstructures, using brushes and spray guns.

840.131 PAINTER FOREMAN (const.)
PAINTER FOREMAN, SHIPYARD (ship & boat bldg. & rep.)
840.381 PAINTER, STAGE SETTINGS (motion pic.)
painter, set
840.781 PAINTER (const.)
Calciminer (const.)
Painter, Interior Finish (const.)
Painter, Maintenance (any ind.)
Varnisher (const.)
PAINTER APPRENTICE, SHIPYARD (ship & boat bldg. & rep.)
PAINTER, SHIPYARD (ship & boat bldg. & rep.)
840.884 BITUMINOUS ENAMELER (any ind.)
bitumastic applier
bitumastic dauber
painter, bitumastic
GLASS TINTER (glass prod.)
colored-liquid-plastic applier
PAINTER, ROUGH (const.)
industrial painter
painter, brush
painter, exterior and interior
painter, plain
Painter, Gas Holder (light, heat, & power)
PAINTER, STRUCTURAL STEEL (const.)
painter, bridge
painter, steel
840.887 DRY-WALL SANDER (const.)
PAINTER HELPER (const.)
PAINTER HELPER, BOAT (ship & boat bldg. & rep.)
PAINT-STRIPING-MACHINE OPERATOR (const.)
WHITEWASHER (const.)

841. Paperhangers

This group includes occupations concerned with applying wallpaper and fabrics to walls and ceilings.

841.781 PAINTER-AND-DECORATOR APPRENTICE (const.)
painter-and-paperhanger apprentice
paperhanger-and-painter apprentice
PAPERHANGER (const.)
841.884 BILLPOSTER (bus. ser.)

842. Plasterers and Related Occupations

This group includes occupations concerned with applying plaster, stucco, and related materials to structural surfaces.

842.381 STUCCO MASON (const.)
plasterer, stucco
stucco worker
842.781 LATHER (const.)
Metal Furrer (const.)
Metal Lather (const.)
Rockboard Lather (const.)
Wood Lather (const.)
LATHER APPRENTICE (const.)
PLASTERER (const.)
Ornamental-Plaster Sticker (const.)
Plasterer, Finish (const.)
Plasterer, Maintenance (const.)
Plasterer, Rough (const.)
Plasterer, Spray Gun (const.)
PLASTERER APPRENTICE (const.)
PLASTERER, MOLDING (conc. prod.; const.)
plasterer, ornamental
842.884 DRY-WALL APPLICATOR (const.)
dry-wall nailer
sheetrock man
GROUND WIREMAN (const.)
PERMASTONE DRESSER (const.)
TAPER (const.)
dry-wall finisher
finisher, wallboard and plasterboard
sheetrock taper
taper and bedder
taper and floater
WALLBOARD TAPER, MACHINE (const.)
joint sealer
machine taper
taping-machine operator
842.885 PLASTER-MACHINE TENDER (const.)
842.887 PLASTERER HELPER (const.)
plasterer tender

843. Waterproofing and Related Occupations

This group includes occupations concerned with applying waterproofing and calking materials to structures.

843.134 DOPE FOREMAN (const.)
joint foreman
WATERPROOFING FOREMAN (const.)
843.782 METAL SPRAYER, CORROSION PREVENTION (any ind.)
metal sprayer, protective coating
METAL SPRAYER, CORROSION PREVENTION FIELD MAN (any ind.)
metallizer, field man
843.884 CALKER (const.)
building calker
Window Calker (const.)
STEEL-PLATE CALKER (any ind.)
WATERPROOFER (const.)
waterproofing applicator
Waterproofer, Membrane (const.)
Waterproofer, Metallic (const.)
DAMPPROOFER (const.)
painter, waterproofing
Asphalt Dauber (const.)
WOOD CALKER (ship & boat bldg. & rep.)
843.887 DOPEMAN (const.)
dope pourer
mastic man
pipe tarman
UNDERCOATER (auto. ser.)
WATERPROOFER HELPER (const.)
dampproofer helper

844. Cement and Concrete Finishing and Related Occupations

This group includes occupations concerned with covering, leveling, and smoothing cement and concrete surfaces.

844.781 CONCRETE-STONE FINISHER (conc. prod.)
844.782 CONCRETE-GUN-MIXING-MACHINE OPERATOR (const.)
CONCRETE-GUN OPERATOR (const.)
concrete-placer operator
844.884 CELL MAKER (chem.)
cell-construction man
Ring Maker (chem.)
COVER MAKER (chem.)
CEMENT-GUN NOZZLEMAN (conc. prod.; const.)
cement sprayer
insulator
nozzleman
CEMENT MASON (const.)
cement finisher
cement paver
concrete finisher
844.884 Con. concrete floater
Step Finisher (const.)
CEMENTER (ship & boat bldg. & rep.)
deck layer
CEMENT MASON, MAINTENANCE (any ind.)
CEMENT-MASON APPRENTICE (const.)
cement-finisher apprentice
concrete-finisher apprentice
CONCRETE RUBBER (conc. prod.; const.)
cement patcher
cement rubber
concrete pointer
concrete polisher
CONCRETE-WALL-GRINDER OPERATOR (const.)
concrete-grinder operator
MANHOLE MECHANIC (light, heat, & power)
844.885 CEMENT-GUN-MIXING-MACHINE OPERATOR (conc. prod.; const.)
CEMENT-GUN OPERATOR (conc. prod.; const.)
Gunite Man (conc. prod.; const.)
GROUT-PUMP OPERATOR (const.)
cement-gun operator
grouter
grout-mixer-and-placer operator
pneumatic-placing-machine operator
MUD-JACK OPERATOR (const.)
844.887 CEMENT-GUN-NOZZLEMAN HELPER (conc. prod.; const.)
cement-gun hoseman
nozzleman helper
Gunite-Man Helper (conc. prod.; const.)
CEMENT-MASON HELPER (const.)
cement-finisher helper
concrete-finisher helper
concrete-mason helper
concrete-screeder helper
CONCRETE-VIBRATOR OPERATOR (const.)
concrete tamper
concrete-vibrating-machine operator
vibrator-tamper man
CONCRETE-VIBRATOR-OPERATOR HELPER (const.)
tamper-man helper
vibrator-man helper
vibrator-operator helper
GROUTER HELPER (const.)
INSERT MAN (const.)
OIL SPRAYER (const.) II
STONE-AND-CONCRETE WASHER (const.)
concrete-and-stone washer
laborer, stone-and-concrete washing

845. Transportation Equipment Painters and Related Occupations

This group includes occupations concerned with applying paint, asphalt undercoatings, and related materials to transportation equipment, including automobiles, trucks, trailers, aircraft, and railway cars.

845.381 RAILROAD-CAR LETTERER (r.r. trans.)
painter, railroad car
845.781 PAINTER, AIRCRAFT (aircraft mfg.; air trans.)
PAINTER APPRENTICE, AUTOMOBILE (auto. ser.)
PAINTER, AUTOMOBILE (auto. ser.)
paint sprayer
Painter, Automobile, Brush (auto. ser.)
845.884 PAINTER HELPER, AUTOMOBILE (auto. ser.)
sander
sandman
845.887 CAR SCRUBBER (loco. & car bldg. & rep.)
car cleaner
passenger-car scrubber
Striper (loco. & car bldg. & rep.)
Varnish Rubber (loco. & car bldg. & rep.)
Window Cleaner (loco. & car bldg. & rep.)
DEADENER (auto. mfg.)
body silencer
silencer
soundproofer
spray silencer
undercoat applier

849. Painting, Plastering, Waterproofing, Cementing, and Related Occupations, n.e.c.

This group includes occupations, not elsewhere classified, concerned with painting,

plastering, waterproofing, cementing, and related activities.

849.131 LATHER FOREMAN (const.)

849.138 DISPATCHER (const.)
DISPATCHER, READY-MIX PLANT (const.)

849.781 DOPE-AND-FABRIC MAN (aircraft mfg.; air trans.)
airplane coverer
doper
fabric worker
spray man
Control-Surface Coverer (aircraft mfg.)
Fuselage Coverer (aircraft mfg.)
Rib Stitcher (aircraft mfg.; air trans.)
Wing Coverer (aircraft mfg.)

849.884 BOAT BUFFER, PLASTIC (ship & boat bldg. & rep.)
BOILER RELINER, PLASTIC BLOCK (found.)
plastic installer

849.886 PORTABLE GROUT-MIXER OPERATOR (conc. prod.; const.)

849.887 WALLPAPER REMOVER, STEAM (const.)
paper steamer
steamer operator
wall steamer

85 **EXCAVATING, GRADING, PAVING, AND RELATED OCCUPATIONS**

This division includes occupations concerned with operating heavy earth-moving equipment in removal and placement of earth materials and grading earth surfaces; laying concrete and other hard-surface paving materials in highway, airport, and related construction; building surface or subsurface drainage systems and pipelines; and related activities including blasting, haulage, and pick-and-shovel work.

850. **Excavating, Grading, and Related Occupations**

This group includes occupations concerned with removing earth materials to and from open or underground excavations, including mines; dredging irrigation ditches, canals, and inland or offshore marine channels; and related activities, such as tending air locks and operating underground haulage equipment. Occupations in extraction of minerals are included in Division 93.

850.131 CORE-DRILLER FOREMAN (const.)
test-boring crew chief

850.137 LABOR-GANG FOREMAN (const.)
gang foreman
Backfilling Foreman (const.)
Ditching Foreman (const.)

850.387 INSPECTOR OF DREDGING (water trans.)

850.781 MINER (const.)
Breast Worker (const.)

850.782 HORIZONTAL-EARTH-BORING-MACHINE OPERATOR (const.)
boring-machine operator
tunneling-machine operator
SHIELD RUNNER (const.)
erector operator
hydraulic man
hydraulic operator
shield operator

850.883 BULLDOZER OPERATOR (any ind.)
grader man
scraper man
Angledozer Operator (any ind.)
Crawler-Tractor Operator (any ind.)
Fine-Grade-Bulldozer Operator (any ind.)
Scarifier Operator (any ind.)
SCRAPER OPERATOR (any ind.)
DREDGE LEVERMAN (const.)
DREDGE OPERATOR (const.)
dredge pumpman
LOCK TENDER (const.) II
MUCKING-MACHINE OPERATOR (const.)
mucker operator
POWER-SHOVEL OPERATOR (any ind.)
shovelman
shovel operator
Back-Hoe Operator (any ind.)
Convertible-Power-Shovel Operator (any ind.)

850.883 Con.
Diesel-Power-Shovel Operator (any ind.)
Duck-Bill Operator (mining & quarrying)
Electric-Power-Shovel Operator (any ind.)
Gasoline-Power-Shovel Operator (any ind.)
Skimmer-Scoop Operator (any ind.)
ROCK-DRILL OPERATOR (const.) I
Reciprocating-Drill Operator (any ind.)
Rotary-Rock-Drilling-Machine Operator (any ind.)
Wagon-Drill Operator (any ind.)
SCRAPER OPERATOR (const.)
STRIPPING-SHOVEL OPERATOR (mining & quarrying)
TOWER-EXCAVATOR OPERATOR (const.)
cable-tower operator
cableway towerman
guyline operator
slackline operator
tower-dragline operator
TRENCH-DIGGING-MACHINE OPERATOR (const.)
ditch-machine operator
rotary-trencher operator
trencher operator
trenching-machine operator
Ditcher Operator (const.)

850.884 BELL MAN (const.) I
bell-hole digger
DREDGE-DIPPER TENDER (const.)
bucketman
SEWER-BOTTOM MAN (const.)
invert man
trench man
trimmer, fine
Trimmer, Rough (const.)
STRIPPING-SHOVEL OILER (mining & quarrying)
oiler

850.887 CRUSHED-STONE GRADER (const.)
DREDGE PIPEMAN (const.)
EXCAVATOR (any ind.)
HORIZONTAL-EARTH-BORING-MACHINE-OPERATOR HELPER (const.)
boring-machine-operator helper
LABORER, PILE DRIVING, GROUND WORK (const.)
cant-hook man, pile driving
groundman
linesman, pile driving
lumber handler, pile driving
pile-driver helper
pile-driver man, groundwork
piling setter
Adzman, Pile Trimming and Capping (const.)
Axman, Pile Trimming and Capping (const.)
Chainman, Pile Driving (const.)
Laborer, Pile Trimming and Capping (const.)
Pile Capper (const.)
Pile Trimmer (const.)
LABORER, ROAD (const.)
fill jetter
grader
jetting-machine operator
LABORER, SHORE DREDGING (const.)
dump man
MINER HELPER (const.) II
chuck tender
MUCKER, COFFERDAM (const.)
bottom man
SHEETING PULLER (const.)
laborer, sheet pulling
SHEET-PILE-HAMMER OPERATOR (const.)
SHEET-PILE-HAMMER-OPERATOR HELPER (const.)
laborer, sheeting
sheeting-setter helper
SPLICER (const.)
WELL DIGGER (const.)

851. **Drainage and Related Occupations**

This group includes occupations concerned with placing, joining, alining, and sealing pipes in excavations, using calking tools, sealing compounds, ropes, pipe-supporting equipment, and other devices and materials.

851.137 BANK BOSS (const.)
bank-filling foreman
dike supervisor
dump foreman
shore foreman

851.138 SEWER FOREMAN (gov. ser.)

851.782 WELL-POINT PUMPMAN (const.)
pumpman

851.883 BLADE-GRADER OPERATOR (const.)
blade man
grader, machine
road grader
subgrade finisher
ELEVATING-GRADER OPERATOR (const.)
mucker man
plow holder
plow shaker
MOTOR-GRADER OPERATOR (const.)
grader operator
motor-patrol operator
power-grader operator
road grader
road-hogger operator
road-maintenance patrolman
Motor Grader, Fine Grade (const.)
Motor Grader, Rough Grade (const.)
SEPTIC-TANK INSTALLER (const.)
SUBGRADER OPERATOR (const.)
fine-grader operator
road-planer operator
UTILITY-TRACTOR OPERATOR (const.)

851.884 BATTERBOARD SETTER (const.)
batterboard man
grade man
FINE-GRADE MAN (const.)
fine grader
Slopeman (const.)
PIPE LAYER (const.)
cast-iron pipe layer
pipe setter
sewer pipe layer
water layer
DRAIN LAYER (const.)
drain-tile layer
drain tiler
RECEIVER SETTER (const.)
man hole builder
sewer-inlet builder
street-drain setter
SUBGRADE TESTER (const.)
scratchboard man

851.887 DITCH DIGGER (mining & quarrying)
ditcher
ditchman
drainman
mucker
water bailer
DUMP GRADER (const.)
dumpman, truck
grading spotter
FORM-STRIPPER HELPER (const.)
FORM TAMPER (const.) I
laborer, form tamping
GRADER (const.) I
grade man
laborer, grading
subgrader
GRADE TAMPER (const.)
laborer, hand tamping
tamper, hand
PIPE-LAYER HELPER (const.)
laborer, pipe laying
pipe-layer tender
Inside-Joint Man (const.)
Outside-Joint Man (const.)

852. **Concrete Paving Occupations**

This group includes occupations concerned with combining concrete ingredients at mobile batching plants; applying concrete to roadbeds and other substructures; and shaping and finishing concrete; involves operating or tending machines for mixing, spreading, compacting, and leveling paving materials, and using trowels, screeds, and other devices.

852.137 MIXING-PLACE FOREMAN (const.)

852.883 CONCRETE-PAVER OPERATOR (const.)
mixer operator, concrete paving
paver operator
paving-machine operator, concrete
CONCRETE-PAVING-MACHINE OPERATOR (const.)
Center-Line-Cutter Operator (const.)
Concrete-Finishing-Machine Operator (const.)
Curing-Machine Operator (const.)
Gang-Vibrator Operator (const.)
Joint-Machine Operator (const.)
Longitudinal-Float Operator (const.)
Screed Operator (const.)
Spreader Operator (const.)
Strike-Off-Machine Operator (const.)
Vibrating-Screed Operator (const.)
FORM-GRADER OPERATOR (const.)
concrete-paving-form grader
852.884 CEMENT MASON, HIGHWAYS AND STREETS (const.)
cement finisher, highways and streets
concrete finisher, highways and streets
concrete finisher, paving
float finisher
sidewalk layer
surfaceman
Curb Builder (const.)
Lip-Curb Finisher (const.)
Expansion-Joint Finisher (const.)
CONCRETE-PAVER-OPERATOR HELPER (const.)
engineer oiler and signal man
paving-operator helper
FORM SETTER, METAL ROAD-FORMS (const.)
form fitter, metal road-forms
Form Setter, Wood Road-Forms (const.)
852.887 JOINT FILLER (const.)
laborer, expansion-joint filling
tar-joint filler
LABORER, CONCRETE PAVING (const.)
steel man, dowel-pin placing
Dowel-Pin Man (const.)
Laborer, Concrete Chipping (const.)
Pin Puller (const.)
MUD-JACK NOZZLEMAN (const.)

853. **Asphalt Paving Occupations**

This group includes occupations concerned with combining asphaltic ingredients at mobile batching plants; applying asphalt to roadbeds and other substructures; and shaping and finishing asphalt; involves operating or tending machines for mixing, spreading, compacting, and leveling paving materials, and using rakes, shovels, and other devices.

853.133 ASPHALT-PAVING FOREMAN (const.)
853.782 ASPHALT-PLANER OPERATOR (const.)
ASPHALT-PLANT OPERATOR (const.)
asphalt-batcher operator
asphalt-batch-plant operator
blacktop-plant operator
hot-mix operator
853.883 ASPHALT-PAVING-MACHINE OPERATOR (const.)
asphalt-spreader operator
bituminous-paving-machine operator
black-top-paver operator
black-top spreader
mechanical-spreader operator
paving-machine operator, asphalt or bituminous
ROAD-OILING-TRUCK DRIVER (const.)
bituminous-distributor operator
bituminous-penetration-truck man
oil sprayer
oil-spreader operator
oil-spreader-truck operator
road-oil distributor
spray-bar man
STONE-SPREADER OPERATOR (const.)
spreader-box operator
stone-spreader-box man
853.884 ASPHALT RAKER (const.)
black-top raker
macadam raker
853.885 ASPHALT-HEATER MAN (const.)

853.887 COLD-PATCH MAN (const.)
laborer, cold patching
LABORER, BITUMINOUS PAVING (const.)
laborer, asphalt
Asphalt Dumpman (const.)
Ashpalt Shoveler (const.)
Asphalt Tamper (const.)
SQUEEGEE MAN (const.)

859. **Excavating, Grading, Paving, and Related Occupations, n.e.c.**

This group includes occupations, not elsewhere classified, concerned with excavating, grading, paving, and related activities.

859.131 GRADING FOREMAN (const.)
dirt-working foreman
excavating foreman
rough-grading foreman
Culvert-Laying Foreman (const.)
Dumping Foreman (const.)
Fine-Grading Foreman (const.)
PILE-DRIVING FOREMAN (const.)
TUNNEL-HEADING FOREMAN (const.)
header boss
shifter
859.134 RIPRAP FOREMAN (const.)
859.281 BLASTER (any ind.)
chargeman
firer
powderman
shooter
shot fireman
High Scaler (const.)
Stumper (logging)
SHOOTER, WATER WELL (const.)
blaster, water well
859.587 GRAVEL INSPECTOR (const.)
859.782 DRIFTER (const.)
DRILLER, WATER WELL (const.)
drilling-machine operator
well borer
EARTH-BORING-MACHINE OPERATOR (const.; light, heat, & power)
earth-auger operator
hole-digger operator
post-hole digger
FOUNDATION-DRILL OPERATOR (const.)
PILE-DRIVER OPERATOR (const.)
hammerman
hoisting engineer, pile driving
Compressed-Air-Pile-Driver Operator (const.)
Concrete-Pile-Driver Operator (const.)
Diesel-Pile-Driver Operator (const.)
Drop-Hammer-Pile-Driver Operator (const.)
Electric-Pile-Driver Operator (const.)
Pile-Driver Operator, Barge Mounted (const.)
Sheet-Pile-Driver Operator (const.)
Steam-Pile-Driver Operator (const.)
Wood-Pile-Driver Operator (const.)
Sweeper Operator (const.)
WELL-DRILLER OPERATOR, CABLE TOOL (const.)
water-well driller
WELL-DRILL OPERATOR, ROTARY DRILL (const.)
rotary-drill-rig operator
water-well driller
WELL-REACTIVATOR OPERATOR (const.)
driller
859.883 BALLAST-CLEANING-MACHINE OPERATOR (r.r. trans.)
mole-ballast-cleaner operator
pump-car operator
Ballast-Regulator Operator (r.r. trans.)
BALLAST-REGULATOR OPERATOR (const.)
ballast equalizer
DRAGLINE OPERATOR (any ind.)
dragline runner
dragline shovelman
Clay Hoister (cement)
Crawler-Dragline Operator (any ind.)
Diesel-Dragline Operator (any ind.)
Electric-Dragline Operator (any ind.)
Gasoline-Dragline Operator (any ind.)
WALKING-DRAGLINE OPERATOR (any ind.)

859.883 Con. HEATER-PLANER OPERATOR (const.)
asphalt-surface-heater operator
burner man
heater operator
JOINT-CLEANING-AND-GROOVING-MACHINE OPERATOR (const.)
joint-cleaning-machine operator
pavement-joint-cleaning-machine operator
OPERATING ENGINEER (const.)
heavy equipment operator
OPERATING-ENGINEER APPRENTICE (const.)
heavy-equipment-operator apprentice
junior operating engineer
ROAD-MIXER OPERATOR (const.)
rotary-soil-stabilizer operator
roto-mixer operator
stabilizer operator
stabilizing-machine operator
traveling-plant operator
Pulvi-Mixer Operator (const.)
Single-Pass-Soil Stabilizer Operator (const.)
ROAD-ROLLER OPERATOR (const.)
roller operator
roller pneumatic
roll operator
Diesel-Roller Operator (const.)
Gas-Roller Operator (const.)
Road-Roller Operator, Hot Mix (const.)
Subgrade-Roller Operator (const.)
SWEEPER OPERATOR (const.)
TAMPING-MACHINE OPERATOR (r.r. trans.)
Multiple-Tamping-Machine Operator (r.r. trans.)
Spot-Tamping-Machine Operator (r.r. trans.)
859.884 BRICKLAYER, PAVING BRICK (const.)
block layer, paving
bricklayer, bat-in worker
brick paver
granite-block layer
paving cutter
Bat-In Man (const.)
Block Cutter (const.)
Block Paver (const.)
Laborer, Paving Brick (const.)
DUCT LAYER (const.; light, heat, & power) I
Conduit Man (light, heat, & power)
FOUNDATION-DRILL-OPERATOR HELPER (const.)
stem-man helper
PAVING-BED MAKER (const.)
sand-bed maker
WELL-DRILL-OPERATOR HELPER, CABLE TOOL (const.)
859.885 BOOTMAN (const.)
asphalt-distributor operator
leverman
tail-end man
CRUSHER OPERATOR (conc. prod.; const.)
crusher feeder
crusher man
crusher-plant operator
crusher tender
screening-plant operator
Cinder-Crusher Operator (conc. prod.)
LOCK TENDER (const.) I
Man-Lock Tender (const.)
Material-Lock Tender (const.)
PUMPMAN, PORTABLE PUMP (const.)
SCRUBBER OPERATOR (const.)
washerman
859.887 AIR-HAMMER OPERATOR (const.)
air-breaker operator
air-gun operator
air-tool operator
Clay-Spade Man (const.)
Concrete Breaker (const.)
Concrete-Buster Operator (const.)
Demolition-Hammer Operator (const.)
Hammerman, Pavement Breaking (const.)
Jackhammer Operator (const.)
Paving-Breaker Operator (const.)
Rock-Drill Operator (const.) II
Stone Breaker (const.)

859.887 Con.
BLASTER HELPER (any ind.)
powder carrier
powderman helper
shooter's helper
CURB-SETTER HELPER (const.)
granite-cutter helper, curb setting
LABORER, STONE-BLOCK RAMMING (const.)
stone-block rammer
MUCKER (const.)
laborer, mucking
miner helper
muck shoveler
tunnel mucker
PAVING RAMMER (const.)
block tamper
PUDDLER, PILE DRIVING (const.)
REINFORCING-STEEL WORKER, WIRE MESH (const.)
ironworker, wire mesh
laborer, steel-mesh placing
wire-mesh setter
wireworker
RIPRAP PLACER (const.)
bankslope paver
dike stoneman
riprap man
rubble placer
stonemason, third class
Ditch-Check Builder (const.)
WELL-DIGGER HELPER (const.)
SURFACEMAN, WELL DIGGING (const.)
well dragger

86 **CONSTRUCTION OCCUPATIONS, N.E.C.**
This division includes craft and noncraft occupations, not elsewhere classified, concerned with building and repairing structures.

860. **Carpenters and Related Occupations**
This group includes occupations concerned with preparing and installing wooden structures and structural members, using bandsaws, ripsaws, planers, braces, hammers, and other carpentry tools and woodworking machines.

860.131 BOATBUILDER FOREMAN, WOOD (ship & boat bld. & rep.)
carpenter foreman, wooden ship
CARPENTER FOREMAN (const.)
Cofferdam-Construction Foreman (const.)
Form-Building Foreman (const.)
Timbering Foreman (const.)
BOWLING-ALLEY-INSTALLATION FOREMAN (const.)
bowling-alley mechanic
carpenter foreman, bowling alley
JOINER FOREMAN (ship & boat bldg. & rep.)
860.137 CARPENTER-LABOR FOREMAN (const.)
860.281 CARPENTER INSPECTOR (any ind.)
CARPENTER, MAINTENANCE (any ind.)
carpenter, repair
carpentry repairman
Carpenter, Bank (mining & quarrying)
Carpenter, Breaker (mining & quarrying)
Carpenter, Car (mining & quarrying)
Carpenter, Hotel (hotel & rest.)
Carpenter, House (any ind.)
Carpenter, Mill (any ind.)
Carpenter, Mine (mining & quarrying)
Carpenter, Office Building (any ind.)
Carpenter, Plant (any ind.)
Flume Man (mining & quarrying)
Frame Maker (leather mfg.)
Meat-Cutting-Block Repairman (any ind.)
CARPENTER, SHIP'S (water trans.)
CARPENTER, STREETCAR (loco. & car bldg. & rep.)
860.381 BOATBUILDER APPRENTICE, WOOD (ship & boat bldg. & rep.)
BOATBUILDER, WOOD (ship & boat bldg. & rep.)
CARPENTER (const.)
Carpenter, Refrigerator (refrigerat. equip.)
Combination-Window Installer (const.)
Door Hanger (const.)
Finish Carpenter (const.)
Finished-Hardware Erecter (const.)

860.381 Con.
Framing Carpenter (const.)
Garage-Door Hanger (const.)
Hardwood-Floor Layer (const.)
House Carpenter (const.)
Jalousie Installer (const.)
Lay-Out Carpenter (const.)
Overhead-Garage-Door Hanger (const.)
Parquetry-Floor Layer (const.)
Stair Builder (const.)
Trim Setter (const.)
Weather Stripper (const.)
Wood-Sash-and-Frame Carpenter (const.)
Wood-Strip-Block Floor Layer (const.)
ACOUSTICAL CARPENTER (const.)
acoustical-material worker
metal-tile lather
BUILDING-INSULATING CARPENTER (const.; ret. tr.)
CARPENTER APPRENTICE (const.)
CARPENTER, BRIDGE (r.r. trans.)
bridge repairman
FORM BUILDER (const.)
carpenter, form
wood-form builder
FORM SETTER, WOOD FORMS (const.)
JOINER (ship & boat bldg. & rep.)
boat joiner
JOINER APPRENTICE (ship & boat bldg. & rep.)
SHIPWRIGHT (ship & boat bldg. & rep.)
carpenter, ship
woodworker
SHIPWRIGHT APPRENTICE (ship & boat bldg. & rep.)
carpenter apprentice, ship
TANK BUILDER AND ERECTOR (const.)
tank maker, wood
TANK ERECTOR (const.)
carpenter, wooden-tank erecting
860.781 BILLBOARD ERECTOR-AND-REPAIRMAN (const.)
CARPENTER, ROUGH (const.)
bracer
timberman
Construction Millwright (sawmill)
Dock Builder (const.)
Falsework Builder (const.)
Scaffold Builder (const.; ship & boat bldg. & rep.)
Sheather (const.)
Surface Carpenter (const.)
Timber Setter (const.)
860.884 FORM-BUILDER HELPER (const.)
SHORER (const.)
bracer
carpenter, shoring
carpenter, trench bracing
cribber
cribbing setter
sheeting setter
shore setter
trench bracer
trench shorer
STULL MAN (conc. prod.)
860.887 CARPENTER HELPER, MAINTENANCE (const.)
LABORER, CARPENTRY (const.)
carpenter helper
hammer and saw man
hatchet and saw man
CARPENTER HELPER, HARDWOOD FLOORING (const.)
LABORER, CARPENTRY, DOCK (const.)
carpenter helper, dock
LABORER, SHAFT SINKING (const.)
SHIPWRIGHT HELPER (ship & boat bldg. & rep.)
carpenter helper
woodworker helper

861. **Brick and Stone Masons and Tile Setters**
This group includes occupations concerned with preparing and laying brick, concrete block, tile, marble, and related materials, using chisels, hammers, trowels, and other handtools and implements.

861.131 BRICKLAYER FOREMAN (const.)
CHIMNEY FOREMAN, BRICK (const.)
topman
STONEMASON FOREMAN (const.)
861.381 BRICKLAYER (brick & tile)
kiln repairman

861.381 Con.
Tunnel-Kiln Repairman (brick & tile; pottery & porc.)
BRICKLAYER (const.)
Block Setter, Gypsum (const.)
Bricklayer, Maintenance (any ind.)
Cinder-Block Mason (const.)
Concrete-Block Mason (const.)
Hollow-Tile-Partition Erector (const.)
Plaster-Block Layer (const.)
Terra-Cotta Mason (const.)
BRICKLAYER, REFRACTORY BRICK (any ind.)
brickmason, kiln repair
industrial-furnace repairman
kiln repairman
Bessemer-Bottom Maker (iron & steel)
Coke-Oven Mason (coke prod.)
Lip-and-Gate Builder (glass mfg.)
Open-Hearth Door-Liner (iron & steel)
Vessel Liner (iron & steel)
BRICKLAYER, SEWER (const.)
sewer-arch builder
sewer paver
Cement - Block - Manhole Builder (const.)
Manhole Builder (const.)
Segmental-Block Layer (const.)
Valve-Chamber Builder (const.)
CHIMNEY BUILDER, BRICK (const.)
SILO ERECTOR (const.)
BRICKLAYER APPRENTICE (const.)
BRICKLAYER, FIREBRICK (any ind.)
firebox man
firebrick layer
furnace insulator
furnace mason
oven insulator
FIREBRICK-AND-REFRACTORY REPAIRMAN (const.)
cupola repairman, bricklaying
furnace mason
furnace repairman, bricklaying
refractory repairman
MARBLE SETTER (const.)
MONUMENT SETTER (const.)
setter
tombstone setter
861.781 PERMASTONE MAN (const.)
Permastone Supervisor (const.)
SOFT-TILE SETTER (const.; ret. tr.)
tile setter
Metal-Tile Setter (const.; ret. tr.)
Plastic-Tile Layer (const.; ret. tr.)
STONEMASON (const.)
stoneman
Alberene-Stone Setter (const.)
Artificial-Stone Setter (const.)
Curb Setter (const.)
Flagsetter (const.)
Granite Setter (const.)
Gutter-Mouth Cutter (const.)
STONE SETTER (const.)
STONEMASON APPRENTICE (const.)
stone rigger
stone-setter apprentice
TERRAZZO WORKER (const.)
artificial-marble worker
floor grinder
Terrazzo Finisher (const.)
Terrazzo Polisher (const.)
TERRAZZO-WORKER APPRENTICE (const.)
TILE-CONDUIT LAYER (const.)
TILE SETTER (const.)
tile fitter
tile layer
tile man
tile mason
Roof-Promenade-Tile Setter (const.)
TILE-SETTER APPRENTICE (const.)
861.884 CUPOLA REPAIRMAN (found.)
cupola liner
cupola patcher
MARBLE-SETTER HELPER (const.)
PATCHER (coke prod.)
POINTER, CALKER, AND CLEANER (const.)
STONE POLISHER (const.)
marble polisher
marble rubber

861.884 Con. STONE-POLISHER APPRENTICE (const.)
marble-polisher apprentice
TERRAZZO-WORKER HELPER (const.)
TILE-SETTER HELPER (const.)
tile-layer helper
TUCK POINTER (const.)
pointer-up

861.887 BRICK CLEANER (const.)
BRICKLAYER HELPER (const.)
bricklayer tender
brickmason helper
brick tender
laborer, brick
Bricklayer Helper, Sewer (const.)
BRICKLAYER HELPER, REFRACTORY BRICK (any ind.)
brickmason helper
kiln-repairman helper
BRICK-PAVING CHECKER (const.)
BUILDING CLEANER, BRICK OR STONE (const.)
MOLDMAN (const.)
PATCHER HELPER (coke prod.)
helper, patcher
STONEMASON HELPER (const.)
laborer, mason
mason tender
stonemason mortar-man
WALL WASHER (const.)
laborer, wall washing

862. Plumbers, Gas Fitters, Steam Fitters, and Related Occupations

This group includes occupations concerned with assembling and installing gas, steam, plumbing, and related fixtures, pipes, and fittings in structures, using pipe-cutting and pipe-threading tools, welding equipment, and other pipe-fitting tools and equipment.

862.131 FOREMAN, PIPE LINES (petrol. production)
gang supervisor, pipe lines
roustabout, head
Oil-Field-Pipe-Line Foreman (petrol. production)
PIPE-FITTER FOREMAN (const.)
Pipe-Fitter Foreman, Maintenance (any ind.)
Steam-Fitter Foreman (const.)
Steam-Fitter Foreman, Maintenance (any ind.)
PIPE-FITTER FOREMAN (ship & boat bldg. & rep.)
PLUMBER FOREMAN (const.)
PLUMBER FOREMAN, MAINTENANCE (any ind.)

862.132 WELL-POINT PUMPING FOREMAN (const.)

862.134 SUCTION-DREDGE-PIPE-LINE-PLACING FOREMAN (const.)
shore-working foreman
suction-dredge-dumping foreman

862.138 MAINS-AND-SERVICE FOREMAN (light, heat, & power)
crew foreman
gang foreman
gas-distribution foreman
service-and-mains foreman
Leak-Gang Foreman (light, heat, & power)
Service-Crew Foreman (light, heat & power)
STEAM-DISTRIBUTION FOREMAN (light, heat, & power)
chief pipe maintenance man
WATER-AND-SEWER-SYSTEMS FOREMAN (waterworks)
water foreman
water-maintenance foreman
water-service foreman

862.281 COPPERSMITH (ship & boat bldg. & rep.)
COPPERSMITH APPRENTICE (ship & boat bldg. & rep.)
OIL-BURNER-INSTALLATION-AND-SERVICEMAN (any ind.)
oil-burner-service-and-installation man
PIPE FITTER (ship & boat bldg. & rep.)
pipe fitter, marine

862.287 COATING INSPECTOR, PIPE LINE (const.; pipe lines)
dope inspector

862.381 AIRCRAFT MECHANIC, PLUMBING AND HYDRAULICS (aircraft mfg.)
assembler, aircraft, plumbing and hydraulics
pipeman
research-test mechanic, hydraulic
tubing-installation assembler
FURNACEMAN (light, heat, & power)
GAS-MAIN FITTER (light, heat, & power)
pipe fitter
pipeman
Pipe Fitter, Street Service (light, heat, & power)
INDUSTRIAL-GAS FITTER (light, heat, & power)
industrial serviceman
PIPE FITTER (const.) I
plumber, pipe fitting
Pipe Fitter, Ammonia (const.)
Pipe Fitter, Gas Pipe (const.)
Pipe Fitter, Plastic Pipe (const.)
Pipe Fitter, Soft Copper (const.)
Steam Fitter (const.)
AIRDOX MAN (mining & quarrying)
FREIGHT-AIR-BRAKE FITTER (loco. & car bldg. & rep.)
air-brake man
INSTRUMENT FITTER (const.)
MAINTENANCE MAN, SEWER-AND-WATERWORKS (const.)
Maintenance Man, Sewer (const.)
Maintenance Man, Waterworks (const.)
PIPE FITTER, MAINTENANCE (any ind.)
steam fitter, maintenance
PIPE FITTER, SPRINKLER SYSTEMS (const.)
sprinkler fitter
sprinkler installer
PIPE FITTER, WELDING (const.)
Gas Fitter (const.)
Pipe Fitter, Acetylene Welding (const.)
Pipe Fitter, Electric-Arc Welding (const.)
PNEUMATIC-TUBE FITTER (const.)
PIPE-FITTER APPRENTICE (const.)
air-conditioning-mechanic apprentice
refrigeration-mechanic apprentice
steam-fitter apprentice
PIPE-FITTER APPRENTICE, SPRINKLER SYSTEMS (const.)
PIPE-FITTER, DIESEL ENGINE (engine & turbine)
piper
PIPE FITTER, TURBINE (engine & turbine)
PLUMBER (const.)
PLUMBER, MAINTENANCE (any ind.)
plumber, repair
PLUMBER APPRENTICE (const.)
STEAM SERVICEMAN (light, heat, & power)
inspector, outside steam-distribution
manhole-and-underground-steam-line inspector
pipeman, steam-line maintenance man
underground-steam-line-and-manhole inspector
THREAD INSPECTOR (petrol. production)
pipe-thread inspector

862.685 WATER-TEST MAN (any ind.)
Air-Pressure Test Operator (any ind.)
Hydrostatic-Test Operator (any ind.)

862.687 COOLING-PIPE INSPECTOR (const.)
pipe inspector
HOLIDAY-DETECTOR OPERATOR (const.)
electric-detector operator
jeeper operator
pipe jeeper

862.782 PIPE-CLEANING-AND-PRIMING-MACHINE OPERATOR (const.)
PIPE-CLEANING-MACHINE OPERATOR (const.)
PIPE-WRAPPING-MACHINE OPERATOR (const.; pipe lines)

862.884 FITTER (const.; pipe lines)
spacer
Stabber (const.)

862.884 Con. GAS-SERVICEMAN HELPER (light, heat, & power)
HYDRANT-AND-VALVE MAINTENANCE MAN (waterworks)
HYDRANT-AND-VALVE SETTER (const.)
JUNCTION MAKER (brick & tile)
branch maker
fitting maker
LABORER, CONSTRUCTION OR LEAK GANG (light, heat, & power)
PIPE CALKER (const.)
joint man
joint runner
leak repairman
pipe-joint sealer
pipe-leak repairman
pipeman, calking
slip-joint pourer
PIPE-FITTER HELPER (const.)
fitter helper
Steam-Fitter Helper (const.)
FURNACEMAN HELPER (light, heat, & power)
GAS-FITTER HELPER (const.)
PIPE-FITTER HELPER (ship & boat bldg. & rep.)
PIPE-LINE WORKER (const.)
PLUMBER HELPER (const.)
SEWER TAPPER (const.)
SOFT-WATER SERVICEMAN (bus. ser.)
TAPPING-MACHINE OPERATOR (const.)
tapman
water-pipe tapper

862.885 PIPE-MACHINE OPERATOR (const.)
tongs operator
Mahoney-Machine Operator (const.)

862.886 PLUGMAN (const.)

862.887 BACK-UP MAN (const.)
backer-up
back-pipe tongman
CLAMPMAN (const.)
CONNECTION MAN (const.)
connector man
CRANKMAN (const.)
LABORER, PIPE LINE (const.)
LABORER, PLUMBING (const.)
OIL-BURNER-INSTALLATION-AND-SERVICEMAN HELPER (any ind.)
PAPERHANGER, PIPE (const.)

863. Asbestos and Insulation Workers

This group includes occupations concerned with covering and lining structures with asbestos, cork, canvas, tar paper, magnesia, and related materials, using saws, knives, rasps, trowels, and other tools and implements.

863.134 BUILDING-INSULATION FOREMAN (const.)
insulation foreman
Mineral-Wool-Insulation Foreman (const.)

863.381 PIPE COVERER AND INSULATOR (ship & boat bldg. & rep.)

863.781 CORK INSULATOR, INTERIOR SURFACE (const.)
insulation worker, interior surface
INSULATION-BLANKET MAKER (pipe & boiler cov.)
blanket maker
heat-retention-blanket maker
turbine-blanket maker

863.884 COMPOSITION-WEATHERBOARD APPLIER (const.)
composition-siding man
FIREPROOFING MAN (light, heat, & power)
INSULATION HOSEMAN (const.; ret. tr.; whole. tr.)
blower insulator
hoseman
house insulator
insulation nozzleman
INSULATION INSTALLER (const.)
insulator
INSULATION WORKER (const.)
asbestos worker
Blanket-Insulation Worker (const.)
Block-Insulation Worker (const.)
Corkboard-Insulation Worker (const.)
Prefabricated-Pipe-Insulation Worker (const.)
INSULATION-WORKER APPRENTICE (const.)
insulator apprentice

863.884 SIDER (const.; ret. tr.)
Con. siding applicator
Aluminum-Siding Installer (const.; ret. tr.)
Asbestos-Siding Installer (const.; ret. tr.)
Concrete-Panel Installer (const.; ret. tr.)
Ornamental-Brick Installer (const.; ret. tr.)
Plastic-Panel Installer (const.; ret. tr.)
Porcelain-Enamel Installer (const.; ret. tr.)

863.885 BUILDING-INSULATING ENGINEMAN (const.; ret. tr.; whole. tr.)
feeder man
power-unit operator

863.886 PAPER LATCHER (const.)

864. Floor Laying and Finishing Occupations
This group includes occupations concerned with installing inlaid, hardwood, or composition floors, and laying asphalt, cork, linoleum, and rubber blocks or sheet materials, using rollers, knives, trowels, sanding machines, and other devices.

864.781 FLOOR LAYER (const.; ret. tr.)
floor coverer
floor-covering block layer
Asphalt-Tile Floor Layer (const.; ret. tr.)
Cork-Tile Floor Layer (const.; ret. tr.)
Linoleum Floor Layer (const.; ret. tr.)
Linoleum Layer (const.; ret. tr.)
Linoleum-Tile Floor Layer (const.; ret. tr.)
Rubber-Tile Floor Layer (const.; ret. tr.)
FLOOR-LAYER APPRENTICE (const.)
floor-coverer apprentice

864.884 FLOOR-SANDER HELPER (const.)
FLOOR-SANDING-MACHINE OPERATOR (const.)
carpenter, floor sanding
floor sander
floor scraper
FLOOR FINISHER (const.)

864.887 FLOOR-FINISHER HELPER (const.)
FLOOR-LAYER HELPER (const.)
Linoleum-Layer Helper (const.)

865. Glaziers and Related Occupations
This group includes occupations concerned with preparing and setting glass in structures, using bolts, screws, putty, grinding and buffing wheels, glass-cutting tools, and other materials and devices.

865.131 GLAZIER FOREMAN (const.)

865.381 JOINER (glass prod.)
art-glass setter
leaded-glass man
stained-glass man

865.781 GLAZIER (const.)
glass setter
glassworker
glazier, plate glass
Glazier, Structural Glass (const.)
Plate-Glass Installer (const.)
Shower-Enclosure Installer (const.)
GLAZIER APPRENTICE (const.)

865.884 GLASS INSTALLER (auto. ser.)
auto glass worker
glass man
glazier
windshield man
GLASS INSTALLER (furn.; plan. mill)
glass inserter
glass man
glass setter
glazier
Door-Glass Installer (plan. mill)
Glass Tacker (plan. mill)
Glueman (plan. mill)
Putty Runner (plan. mill)
Tinner, Glass Setting (plan. mill)
Window Assembler (plan. mill)
GLAZIER, METAL FURNITURE (furn.)
LAY-OUT MAN (const.)
REFRIGERATOR GLAZIER (refrigerat. equip.)

865.884 SAFETY-GLASS INSTALLER (aircraft mfg.)
Con. glassworker
safety-glass expert
safety-glass worker

865.887 GLAZIER HELPER (const.)

866. Roofers and Related Occupations
This group includes occupations concerned with covering roofs and exterior walls of structures with slate, asphalt, aluminum, wood, and related materials, using brushes, knives, punches, hammers, and other tools.

866.381 ROOFER (const.)
Aluminum-Shingle Roofer (const.)
Asbestos-Shingle Roofer (const.)
Asphalt, Tar, and Gravel Roofer (const.)
Composition Roofer (const.)
Roofer, Gypsum (const.)
Slate Roofer (const.)
Tile-and-Terra-Cotta Roofer (const.)
Wood-Shingle Roofer (const.)
ROOFER APPRENTICE (const.)

866.884 CORRUGATED - SHEET - MATERIAL SHEETER (const.)
ROOFER, VINYL COATING (const.)
roof repairman, spray
roof waterproofer
sprayer roofer

866.887 ROOFER HELPER (const.)
tar-heater man
tar kettleman
Roofer Helper, Aluminum Shingle (const.)
Roofer Helper, Asbestos Shingle (const.)
Roofer Helper, Asphalt, Tar, and Gravel (const.)
Roofer Helper, Composition (const.)
Roofer Helper, Slate (const.)
Roofer Helper, Tile and Terra Cotta (const.)
Roofer Helper, Wood Shingle (const.)
ROOFER HELPER, VINYL COATING (const.)

869. Miscellaneous Construction Occupations, n.e.c.
This group includes occupations, not elsewhere classified, concerned with building and repairing structures.

869.131 CONCRETING FOREMAN (const.)
Cement-Finishing Foreman (const.)
Concrete-Paving Foreman (const.)
Concrete-Pouring Foreman (const.)
Curb Foreman (const.)
Form-Setter Foreman (const.)
Grout Foreman (const.)
Tilt-Wall Foreman (const.)
Tunnel-Form-Placing Foreman (const.)
FOREMAN, MOBILE HOMES (trans. equip.)
Assembly Foreman (trans. equip.)
Final-Finish Foreman (trans. equip.)
Millroom Foreman (trans. equip.)
STEEL-PAN-FORM-PLACING FOREMAN (const.)
steel-floor-pan-placing foreman
TANKAGE FOREMAN (const.)
tank-builder foreman

869.133 CLEARING FOREMAN (const.)
clean-up foreman
right-of-way foreman

869.134 FENCE-ERECTOR FOREMAN (const.)
TRACK-LAYING FOREMAN (const.)
extra-gang foreman
rail-gang foreman
track boss
track layer, head

869.137 BUILDING-WRECKING FOREMAN (const.)
wrecker, boss
wrecking foreman
TRAFFIC-MAINTENANCE SUPERVISOR (gov. ser.)
Paint-Crew Foreman (gov. ser.)
Traffic-Maintenance Officer (gov. ser.)
Traffic-Signal Supervisor, Maintenance (gov. ser.)
Traffic-Sign-Erection Foreman (gov. ser.)

869.138 FOREMAN, MAINTENANCE AND CONSTRUCTION (petrol. production)

869.281 FURNACE INSTALLER-AND-REPAIRMAN, HOT AIR (any ind.)
furnaceman
furnace repairman and installer, hot air
heating man
HOUSE BUILDER (const.)
HOUSE MOVER (const.)
MECHANICAL TEST TECHNICIAN (inst. & app.)
mechanical technician
YARD INSPECTOR (ship & boat bldg. & rep.)

869.287 BRIDGE INSPECTOR (r.r. trans.)
b and b assistant inspector

869.381 CONDUIT MECHANIC (const.; light, heat, & power)
conduit man
duct layer
HOUSE REPAIRMAN (const.)
REPAIRMAN (light, heat, & power)
SIGN ERECTOR (signs) I
sign hanger

869.387 PIPE-LINE-CONSTRUCTION INSPECTOR (const.)
POLE INSPECTOR (light, heat, & power)
field inspector
pole tester

869.388 MEASURMAN (ret. tr.) I

869.487 MEASUREMAN (struct. & ornam. metalwork)

869.781 AWNING MAKER-AND-INSTALLER (ret. tr.; window shade & fix.)
HYDRAULIC-JACK ADJUSTER (const.)
LABORATORY-EQUIPMENT INSTALLER (const.)
PIPEMAN (light, heat, & power) I
SAFE-AND-VAULT SERVICEMAN (bus. ser.; whole. tr.)
safe-and-vault erector
safe repairman
vault mechanic
STEEPLE JACK (const.)
CHIMNEY REPAIRMAN (const.)

869.782 CEMENT-PUMP OPERATOR (const.)
pumpman
LIFT-SLAB OPERATOR (const.)
slab lifting engineer
slab lifting foreman

869.868 SIGNALMAN (const.)
bellman
highballer

869.883 FORM-TAMPER OPERATOR (const.)
form tamper
form-tamping-machine operator
tamping-machine operator, road forms
TAMPER OPERATOR (const.) I
TAMPING-MACHINE OPERATOR (const.)
asphalt-tamping-machine operator
hydraulic-hammer operator
tamper operator
WINCHMAN, PILE DRIVING (const.)
rigger

869.884 ASSEMBLER, SKYLIGHTS (fabric. plastics prod.)
AWNING HANGER (canvas goods; const.; ret. tr.)
awning erector
awning installer
BILLBOARD-ERECTOR HELPER (const.)
BRATTICE MAN (mining & quarrying)
airman
braddisher
stopping builder
ventilation man
CONSTRUCTION WORKER (const.) I
FENCE ERECTOR (const.)
ironworker, wire-fence erector
wire-fence builder
Fence-Gate Assembler (const.)
Fence Setter (const.)
Fence Stretcher (const.)
Metal-Fence Erector (const.)
Wire-Fence Erector (const.)
Wooden-Fence Erector (const.)
FORM SETTER, STEEL FORMS (const.)
FORM SETTER, STEEL-PAN FORMS (const.)
JOIST SETTER, ADJUSTABLE STEEL (const.)
adjustable-steel-joist erector
steel setter, adjustable joists
LAWN-SPRINKLER INSTALLER (const.)
LEADSMAN, PILE-DRIVING (const.)
holder, pile-driving
piledriver man

869.884 LIGHTNING-ROD ERECTOR (const.)
Con. PILE-DRIVING NOZZLEMAN (const.)
pile-driving jet-man
pile-driving jetter
RIG BUILDER (petrol. production)
climber
derrick builder
rigger
Rig Repairman (petrol. production)
ROUSTABOUT (petrol. production) II
connection man
gang man
roughneck
SEAT INSTALLER (const.)
SIGN ERECTOR (signs) II
billboard erector
VENEER STAPLER (ship & boat bldg. & rep.)
boat wrapper
VENETIAN-BLIND INSTALLER (ret. tr.; window shade & fix.)
WRECKER (const.)
house wrecker
Wallman (const.)
869.885 BATCH-PLANT OPERATOR (const.)
aggregate weigher
batcherman
hopper man
mix weigher
scaleman
CONCRETE-PUMP OPERATOR (const.)
pumpcrete operator
pumpman
KETTLEMAN (const.; roof. materials)
burner man
dope fireman
dope heater
furnaceman
heater man
hot man
pot man
Leadite Man (const.)
Tar Heater (const.)
MORTAR MIXER (conc. prod.; const.)
mortar man
mortar-mixer operator
mud man
Plaster Mixer (conc. prod.; const.)
PRECAST MOLDER (conc. prod.)
precast man
Brick-Veneer Maker (conc. prod.)
Cement-Tile Maker (conc. prod.)
869.887 AWNING-HANGER HELPER (canvas goods; const.; ret. tr.)
installation helper
AXMAN, SURVEYING (any ind.)
CAMOUFLAGE ASSEMBLER (ordnance)
CONCRETE-FLOAT MAKER (conc. prod.)
CONCRETE-PUMP-OPERATOR HELPER (const.)
concrete-gun-operator helper
concrete-placer-operator helper
CONSTRUCTION WORKER (const.) II
FORM-SETTER HELPER (const.)
FORM STRIPPER (conc. prod.; const.)
crew stripper
form wrecker
rod puller
FURNACE-INSTALLER-AND-REPAIRMAN HELPER, HOT AIR (any ind.)
furnace-repairman helper
HOD CARRIER (const.)
HOOSIER POLEMAN (const.)
LABORER, ADJUSTABLE STEEL JOIST (const.)
LABORER, CEMENT-GUN PLACING (const.)
LABORER, WRECKING AND SALVAGING (const.)
groundman
Laborer, Salvaging (const.)
Laborer, Wrecking (const.)
Yard Laborer, Used Building Material (ret. tr.)
LOFTSMAN, PILE-DRIVING (const.)
stickman
timberman
topman, pile-driving
MIXER, HAND, CEMENT GUN (const.)
gunite man
laborer, cement gun, hand mixing
REINFORCING-IRON-WORKER HELPER (const.)
reinforcing-steel-setter helper

869.887 Con.
reinforcing-steel-worker helper
rodman helper
steel-tier helper
RIG-BUILDER HELPER (petrol. production)
groundman
ROUND-UP-RING MAN (conc. prod.)
STAIN REMOVER (const.)
concrete stain remover
STAKEMAN (any ind.)
TIMBER ROBBER (mining & quarrying)
prop drawer
recoveryman
timber puller
TRACKMAN (const.)
extra gang laborer
gandydancer
laborer, track
rail layer
section hand
section man
steel man
track layer
track monkey
track repairman

89 **STRUCTURAL WORK OCCUPATIONS. N.E.C.**
This division includes occupations, not elsewhere classified, concerned with structural work.

891. **Occupations in Structural Maintenance, n.e.c.**
This group includes occupations, not elsewhere classified, concerned with structural assembly and maintenance.

891.137 FOREMAN, AIRCRAFT CLEANING (air trans.)
891.138 DOCKMASTER (ship & boat bldg. & rep.)
dock foreman
docking master
MAINTENANCE FOREMAN (any ind.)
building-and-grounds foreman
building foreman
building-maintenance supervisor mechanical
foreman, maintenance
group supervisor, maintenance
891.884 BUILDING CLEANER, SANDBLASTER (const.)
nozzleman, sandblasting
nozzle operator, building bleaching sandblaster
BUILDING CLEANER, STEAM (const.)
steamblaster
steam cleaner, building
steam-cleaning nozzleman
DOCKMAN (ship & boat bldg. & rep.)
dock hand
docking man
PIPE CHANGER (mining & quarrying)
SWIMMING-POOL SERVICEMAN (any ind.)
maintenance man, swimming pool
pool service routeman
891.885 STEAM-CLEANING-MACHINE OPERATOR (const.)
891.887 CHIMNEY SWEEP (any ind.)
chimney cleaner
cleaning operator
FURNACE CLEANER (any ind.)
PROJECT-CREW MAN (any ind.)
TANK CLEANER (any ind.)
Acid-Tank Cleaner (petrol. refin.)
Boiler Cleaner (any ind.)
Tank-Car Cleaner (petrol. refin.)
TUBE CLEANER (any ind.)
Boiler-Tube Blower (any ind.)
Boiler-Tube Reamer (any ind.)
Evaporator Repairman (chem.)
Flue Cleaner (any ind.)
Still Cleaner, Tube (petrol. refin.)
Tar Heat-Exchanger Cleaner (petrol. refin.)

892. **Hoisting and Conveying Occupations, n.e.c.**
This group includes occupations, not elsewhere classified, concerned with hoisting and conveying.

892.130 RIGGING FOREMAN (const.)
892.883 CHERRY-PICKER OPERATOR (const.)
car changer

892.883 LABORER, HOISTING (any ind.)
Con.
crane follower
crane hooker
hitcher
hoist groundman
hooker
jackman
oiler
screwman
signalman
Concrete-Bucket Hooker (const.)
Floorman, Transfer Bay (nonfer. metal alloys)
Locomotive-Crane-Operator Helper (any ind.)
Log Hooker (sawmill)
Magnet Placer (iron & steel)
Pitman, Power Shovel (any ind.)
Power-Shovel-Operator Helper (any ind.)
Truck-Crane-Operator Helper (any ind.)
YARDMAN (ship & boat bldg. & rep.)

899. **Miscellaneous Structural Work Occupations, n.e.c.**
This group includes miscellaneous occupations, not elsewhere classified, concerned with structural work.

899.130 FOREMAN, CANAL-EQUIPMENT MAINTENANCE (waterworks)
maintenance foreman
899.131 LABOR-CREW FOREMAN (const.; light, heat, & power)
Duct-Layer Foreman (const.; light, heat & power)
Fabrication Foreman (const.)
Lower-In Foreman (const.)
Pipe-Laying Foreman (const.)
Pipe-and-Test Foreman (const.)
River-Crossing Foreman (const.)
Take-Up Foreman (const.)
UTILITIES - AND - MAINTENANCE FOREMAN (const.)
maintenance-and-utilities foreman
899.133 FOREMAN, LABOR GANG (any ind.)
boss
bull-gang foreman
field foreman
floating-labor-gang foreman
general-labor foreman
group supervisor, yard
labor foreman
overseer
yard-labor foreman
yard-labor supervisor
899.137 AIRPORT-MAINTENANCE CHIEF (air trans.)
superintendent of maintenance, airports
899.138 FOREMAN, MAINTENANCE (petrol. refin.)
gang boss
gang pusher
maintenance foreman
Foreman, Tank Cleaning (petrol. refin.)
SUPERINTENDENT, TRACK (const.)
899.281 CANAL-EQUIPMENT MECHANIC (waterworks)
DIVER (any ind.)
submarine worker
Marine Driller (const.)
MAINTENANCE MAN, FACTORY OR MILL (any ind.)
handyman, factory or mill
plant maintenance man
utility repairman, factory or mill
899.381 MAINTENANCE MAN, BUILDING (any ind.)
building repairman
handyman, building
maintenance mechanic
899.782 DIVER PUMPER (const.; fish.)
899.884 BONDACTOR-MACHINE OPERATOR (found.)
CHIMNEY REPAIRMAN (bus. ser.)
DIVER HELPER (any ind.)
bellman
diver assistant
diver tender
life-line man
Hose Tender (any ind.)

899.884 Con.

HIGHWAY-MAINTENANCE MAN (gov. ser.)
highway patrolman
Snow-Plow Operator, Truck (gov. ser.)
Snow-Plow Tractor Operator (gov. ser.)
HOUSE-TRAILER-LOT UTILITY MAN (ret. tr.)
maintenance man, house trailer
MAINTENANCE-MAN HELPER, FACTORY OR MILL (any ind.)
general-maintenance helper

899.884 Con.

MOBILE-HOME REPAIRMAN (trans. equip.)
Serviceman, House Trailers (trans. equip.)
PIPELINER (pipe lines)
SEWER-PIPE CLEANER (bus. ser.)
electric - sewer - cleaning - machine operator
SHAFTMAN (mining & quarrying)
maintenance man
shaft mechanic

899.884 Con.

shaft repairman
shaft tender
TOWEL-CABINET REPAIRMAN (bus. ser.)
WINDOW REPAIRMAN (any ind.)

899.887

DECORATOR, STREET AND BUILDING (any ind.)
Float Builder (any ind.)
MAINTENANCE-MAN HELPER, BUILDING (any ind.)
SEPTIC-TANK SERVICEMAN (const.)
septic-tank cleaner-and-repairman

9 MISCEALLNEOUS OCCUPATIONS

This category includes occupations concerned with transportation services; packaging and warehousing; utilities; amusement, recreation, and motion picture services; mining and logging; graphic arts; and various miscellaneous activities.

90 **MOTOR FREIGHT OCCUPATIONS**
This division includes occupations concerned with transporting cargo over highways, city streets, or within compounds of industrial, construction, or mining areas, by driving vehicles powered by gasoline, Diesel, propane, or related fuels, or electricity.

900. **Concrete-Mixing-Truck Drivers**
This group includes occupations concerned with driving a truck and controlling a mounted concrete mixer to mix concrete and transport it to construction sites and dumping mixed concrete into chutes leading to forms.

900.883 CONCRETE-MIXING-TRUCK DRIVER (const.)
batch-mixing-truck driver
moto-mix operator
ready-mix-truck driver
transit-mix operator

902. **Dump-Truck Drivers**
This group includes occupations concerned with driving a dump truck to transport sand, gravel, coal, and similar cargo.

902.883 DUMP-TRUCK DRIVER (any ind.)
Coal Hauler (any ind.)
Dust Collector (cement)
Mud-Trucker (coke prod.)
DUMP-TRUCK DRIVER, OFF-HIGHWAY (any ind.)
driver, stripping operations
Euclid operator
uke driver

903. **Truck Drivers, Inflammables**
This group includes occupations concerned with driving trucks to transport liquid, dry, or gaseous cargoes of inflammable, explosive, volatile, radioactive, or otherwise dangerous material.

903.883 POWDER-TRUCK DRIVER (ammunition)
TANK-TRUCK DRIVER (petrol. refin.; ret. tr.; whole. tr.)
Fuel-Oil-Delivery Man (petrol. refin.; ret. tr.; whole. tr.)
Gas-Delivery Man (petrol. refin.; ret. tr.; whole. tr.)
Trailer-Tank-Truck Driver (petrol. refin.; ret. tr.; whole. tr.)

904. **Trailer-Truck Drivers**
This group includes occupations concerned with driving semitrailer or full-trailer trucks to transport cargo.

904.883 TRACTOR-TRAILER-TRUCK DRIVER (any ind.)
trailer-truck driver
Double-Bottom Driver (any ind.)
Long-Haul-Sleeper Driver (any ind.)
Pole-Truck Driver (const.; light, heat, & power; tel. & tel.)
LOG-TRUCK DRIVER (logging)
log hauler
TRANSPORT DRIVER (motor trans.)
WATER-TRUCK DRIVER (const.; petrol. production)

905. **Truck Drivers, Heavy**
This group includes occupations concerned with driving trucks of 3 tons or greater capacity.

905.883 TRUCK DRIVER, HEAVY (any ind.)
Delivery-Truck Driver, Heavy (any ind.)
Fire-Truck Driver (petrol. production)
Hole-Digger-Truck Driver (const.; light, heat, & power; tel. & tel.)
Tower-Truck Driver (light, heat, & power; tel. & tel.)
ARMORED-CAR DRIVER (bus. ser.)
MILK DRIVER (dairy prod.)
milk hauler
TRUCK DRIVER (logging)

905.883 Con. WATER HAULER (logging)
WATER-TRUCK DRIVER (const.; petrol. production)

905.887 TRUCK-DRIVER HELPER (any ind.)
driver helper
trucker helper

906. **Truck Drivers, Light**
This group includes occupations concerned with driving trucks of less than 3 tons capacity.

906.883 LIQUID-FERTILIZER SERVICEMAN (agric.)
TELEPHONE-DIRECTORY DISTRIBUTOR (bus. ser.)
TRUCK DRIVER, LIGHT (any ind.)
Crew-Truck Driver (any ind.)
Mail-Truck Driver (any ind.)
Pick-Up Man (motor trans.)
Service-Parts Driver (auto. ser.)
Sprinkling-Truck Driver (any ind.)
EXPLOSIVES-TRUCK DRIVER (ammunition)
FOOD-SERVICE DRIVER (hotel & rest.)
food-service agent

909. **Motor Freight Occupations, n.e.c.**
This group includes occupations, not elsewhere classified, concerned with motor freight transportation.

909.128 SAFETY ENGINEER (motor trans.)
safety man

909.137 RIGGER (any ind.) I
rigger foreman
TRUCK FOREMAN (motor trans.)
WAREHOUSE FOREMAN (motor trans.)
labor-gang foreman
Foreman, Car-Loading and Unloading (motor trans.)

909.138 DRIVER SUPERVISOR (motor trans.)
GARBAGE-COLLECTION FOREMAN (motor trans.)
rubbish-collection foreman
trash-collection foreman

909.588 SPOTTER (motor trans.)

909.883 GARBAGE COLLECTOR (motor trans.) I
HOSTLER (motor trans.)
bus driver, garage
hook-up man
TOW-BAR DRIVER (auto. mfg.)
drive-away driver
VAN DRIVER (motor trans.)

909.887 FURNITURE MOVER (motor trans.)
moving man
GARBAGE COLLECTOR (motor trans.) II
Trash Collector (motor trans.)
LABORER, GENERAL (motor trans.)
TANKER SERVICEMAN (motor trans.)
VAN-DRIVER HELPER (motor trans.)
van helper

91 **TRANSPORTATION OCCUPATIONS, N.E.C.**
This division includes occupations, not elsewhere classified, concerned with moving people or materials by means of automotive and railway vehicles, aircraft, freshwater or seagoing vessels, pipes, and pumps. Includes loading bulk materials into conveyances; ascertaining number of passengers and amount and kind of materials being conveyed; directing course of carrier; routing materials; servicing carriers; and related activities.

910. **Railroad Transportation Occupations**
This group includes occupations concerned with transporting passengers and freight by controlling movement of trains, trolleys, and other railway vehicles; collecting fares from passengers and giving information; supplying fuel; adjusting alinement of tracks; signaling operational information; shifting railway cars in classification yards; cleaning and lubricating equipment; and related activities.

910.137 FOREMAN, BRANCH OFFICE, RAILWAY EXPRESS (r.r. trans.)
FREIGHT-LOADING FOREMAN (r.r. trans.)
ROAD FOREMAN OF ENGINES (r.r. trans.)
YARDMASTER (any ind.)

910.138 BAGGAGE-AND-MAIL AGENT (r.r. trans.)
CAR-CLEANING FOREMAN (r.r. trans.)
Passenger-Car-Cleaning Foreman (r.r. trans.)
CIRCUS TRAINMASTER (amuse. & rec.)
trainmaster
CONDUCTOR, YARD (r.r. trans.)
engine foreman
head switchman
yard conductor
yard foreman
Locomotive-Engine Foreman (any ind.)
RAILWAY-EXPRESS AGENT (r.r. trans.)
STATION AGENT (r.r. trans.) I
agent-telegrapher
freight and passenger agent

910.168 CAR CHASER (malt liquors)
CAR CLERK, PULLMAN (r.r. trans.)
pullman clerk
DIRECTOR, TRAINS (r.r. trans.)
track inspector
PASSENGER REPRESENTATIVE (r.r. trans.)

910.281 EMERGENCY MAN (r.r. trans.)
RAIL-FLAW-DETECTOR OPERATOR (r.r. trans.)

910.287 RAILROAD-CAR INSPECTOR (r.r. trans.)
brake inspector
car checker
carman
journal-box inspector
Passenger-Car Inspector (r.r. trans.)
FEDERAL INSPECTOR, RAILROAD (r.r. trans.)
WAY INSPECTOR (r.r. trans.)
maintenance inspector
track inspector
track supervisor

910.364 BRAKEMAN, PASSENGER TRAIN (r.r. trans.)

910.368 CAR DISTRIBUTOR (r.r. trans.)
car supplier
chief clerk, yard office
ENGINE DISPATCHER (r.r. trans.)
Dispatcher, Industrial Locomotive (r.r. trans.)
RAILWAY-EXPRESS CLERK (r.r. trans.)
MONEY CLERK (r.r. trans.)
RESERVATION CLERK (r.r. trans.)

910.383 FIREMAN, LOCOMOTIVE (r.r. trans.)
assistant locomotive engineer
locomotive fireman
Fireman, Diesel Locomotive (r.r. trans.)
Fireman, Electric Locomotive (r.r. trans.)
Road-Freight Fireman (r.r. trans.)
Road-Passenger Fireman (r.r. trans.)
LOCOMOTIVE ENGINEER (r.r. trans.) I
motorman
road motorman
Locomotive Engineer, Diesel (r.r. trans.)
Locomotive Engineer, Electric (r.r. trans.)
Locomotive Engineer, Steam (r.r. trans.)
Road Engineer, Freight (r.r. trans.)
Road Engineer, Passenger (r.r. trans.)

910.387 PERISHABLE-FRUIT INSPECTOR (whole. tr.)
banana dispatcher
banana messenger

910.388 TARIFF INSPECTOR (r.r. trans.)
YARD CLERK (r.r. trans.)
check clerk
910.587 CAR SEALER (r.r. trans.)
910.684 CAR INSPECTOR (petrol. refin.)
tank-car inspector
910.687 CAR INSPECTOR (loco. & car bldg. & rep.)
trouble man
910.688 TRACK WALKER (r.r. trans.)
TRAIN CLERK (r.r. trans.)
schedule clerk
910.782 TOWERMAN (r.r. trans.)
leverman
signal-tower operator
INTERLOCKING TOWERMAN (r.r. trans.)
TRACK REPAIRMAN (r.r. trans.)
section gang worker
910.868 CALLBOY (r.r. trans.)
CONDUCTOR (r.r. trans.)
FIREMAN, YARD (r.r. trans.)
assistant locomotive engineer
locomotive operator helper
FIREMAN, INDUSTRIAL LOCOMOTIVE (any ind.)
GATEMAN, RAILWAY (r.r. trans.)
gateman
Ticket Chopper (r.r. trans.)
910.883 CAR-RETARDER OPERATOR (r.r. trans.)
retarder operator
HOSTLER, INSIDE (r.r. trans.)
HOSTLER, OUTSIDE (r.r. trans.)
LABORER, CAR BARN (r.r. trans.)
hostler
switchman
MOTORMAN (r.r. trans.) III
TRACK-BROOM OPERATOR (r.r. trans.)
TRACK-MOVING-MACHINE OPERATOR (mining & quarrying)
hydraulic-jack operator
track-laying-machine operator
TRACK - SURFACING - MACHINE OPERATOR (const.)
Jack-Tamp Operator (const.)
Track-Liner Operator (const.)
TRANSFER-TABLE OPERATOR (r.r. trans.)
TURNTABLE OPERATOR (r.r. trans.)
YARD ENGINEER (r.r. trans.)
locomotive engineer
yard motorman
Industrial-Locomotive Operator (any ind.)
Locomotive Engineer, Gasoline (any ind.)
910.884 BRAKEMAN, ROAD FREIGHT (r.r. trans.)
BRAKEMAN, YARD (r.r. trans.)
trainman
yard coupler
Brakeman, Dinkey (any ind.)
Car Rider (r.r. trans.)
Industrial-Yard Brakeman (any ind.)
GRINDING MACHINE OPERATOR, PORTABLE (r.r. trans.)
track-grinder operator
TRACK OILER (r.r. trans.)
910.885 CAR ICER (r.r. trans.)
machine-operator foreman
GREASER, JOURNAL BOX (loco. & car bldg. & rep.; r.r. trans.)
doper
910.887 BAGGAGEMAN (r.r. trans.)
baggageman, train
CAR COOPER (any ind.)
car whacker
CAR ICER (ice; r.r. trans.; slaught. & meat pack.)
car ice-bunker filler
iceman, air conditioning
refrigerator-car icer
DUMPER-AND-FILLER (slaught. & meat pack.)
Bucket Dumper (slaught. & meat pack.)
Bucket Filler (slaught. & meat pack.)
FREIGHT-CAR CLEANER, DELTA SYSTEM (r.r. trans.)
LAMPMAN (r.r. trans.)
signal lampman
train lampman
LIGHTKEEPER, BRIDGE (r.r. trans.)
SWITCH TENDER (r.r. trans.)
TRACK OILER (r.r. trans.)

911. Water Transportation Occupations
This group includes occupations concerned with conveying passengers and cargo by controlling movement of ships, boats, and other vessels; securing vessels in dock; opening and closing canal locks; and related activities.
911.131 BOATSWAIN (water trans.)
LOCK TENDER, CHIEF OPERATOR (water trans.)
chief lock-operator
911.133 CADET, DECK (water trans.)
911.138 BARGE CAPTAIN (water trans.) II
scow captain
DERRICK-BOAT CAPTAIN (water trans.)
derrick-boat runner
DOCUMENTATION SUPERVISOR (water trans.)
HEADER (water trans.)
dock boss
gang boss
hatch foreman
ship boss
stevedoring foreman
Cotton Header (water trans.)
Header, Dock (water trans.)
Header, Ship (water trans.)
SUPERINTENDENT, STEVEDORING (water trans.)
911.168 SUPERCARGO (water trans.)
freight clerk
911.368 BAGGAGEMASTER (water trans.)
CLERK AND DISPATCHER, PILOT STATION (water trans.)
DISPATCHER, TUGBOAT (water trans.)
911.388 RECEIPT-AND-REPORT CLERK (water trans.)
cost-report clerk
WATERWAY TRAFFIC CHECKER (water trans.)
911.488 TONNAGE-COMPILATION CLERK (water trans.)
911.687 SOUNDER (any ind.)
leadman, river-and-harbor soundings
911.782 LOCK TENDER (water trans.)
canal-structure operator
911.868 HATCH TENDER (water trans.)
911.878 TICKET TAKER, FERRYBOAT (water trans.)
bridgeman
911.883 DOCK HAND (air trans.)
FERRYBOAT OPERATOR, CABLE (water trans.) I
ferry operator
LONGSHOREMAN (water trans.) I
Lift-Truck Operator (water trans.)
Tractor Operator (water trans.)
Winchman (water trans.)
MOTORBOAT OPERATOR (any ind.)
Boat Tender (logging)
Charter-Boat Operator (amuse. & rec.)
Run-Boat Operator (water trans.)
Sightseeing-Boat Operator (water trans.)
Water-Taxi Driver (water trans.)
BOOMBOAT OPERATOR (logging)
boomdozer operator
QUARTERMASTER (water trans.)
WINCHMAN, CARGO (water trans.)
winch driver
911.884 ABLE SEAMAN (water trans.)
able-bodied seaman
Deck-Maintenance Man (water trans.)
Watchstander (water trans.)
BOAT LOADER (water trans.) I
dock hand
dockman
pierman
wharfman
wharf operator
wharf tender
Barge Loader (water trans.)
FERRYBOAT OPERATOR, CABLE (water trans.) II
ferry operator
FERRYBOAT-OPERATOR HELPER (water trans.)
ferryboat helper
MARINE OILER (water trans.)
motorman
oiler
striker
SAILOR, PLEASURE CRAFT (water trans.)
911.887 CLEANER (any ind.) III
Belt Cleaner (coke prod.)
Boat Cleaner (coke prod.)
Dock Cleaner (coke prod.)
COAL HANDLER (water trans.)

911.887 Con. COAL TRIMMER (water trans.)
boat puller
DECKHAND (water trans.)
Bargeman (water trans.)
Dredge Deckhand (water trans.)
Ferryboat Deckhand (water trans.)
Pilot-Boat Deckhand (water trans.)
Tugboat Deckhand (water trans.)
Scow Deckhand (water trans.)
FENDER MAKER (ship & boat bldg. & rep.)
LINESMAN (water trans.)
laborer, marine terminal
wharfman
ORDINARY SEAMAN (water trans.)

912. Air Transportation Occupations
This group includes occupations concerned with fueling aircraft; cooling, heating, and ventilating aircraft; repacking parachutes; and related servicing activices.
912.137 EQUIPMENT-SERVICE SUPERVISOR (air trans.)
lead fueler
912.138 SUPERVISOR, TICKET SALES (air trans.)
lead ticket-sales agent
senior passenger agent
senior ticket-sales agent
912.168 DISPATCHER (air trans.)
airplane dispatcher
SCHEDULE ANALYST (air trans.)
manager, schedules
912.368 AIRPLANE-DISPATCH CLERK (air trans.)
aircraft dispatcher
assistant dispatcher
chief clerk, operations
dispatch clerk
flight dispatcher
operations clerk
traffic clerk
FLIGHT-INFORMATION EXPEDITER (air trans.)
RESERVATIONS AGENT (air trans.)
telephone-sales agent
TRANSPORTATION AGENT (air trans.)
departure clerk
operations agent
passenger agent
ramp serviceman
station agent
CARGO AGENT (air trans.)
air-freight agent
912.384 AIRPORT SERVICEMAN (air trans.)
airport attendant
912.388 TRIP FOLLOWER (air trans.)
flight follower
912.488 TRAFFIC-RATE CLERK (air trans.)
tariff clerk
912.782 AIRCRAFT-AIR-CONDITIONING-TRUCK OPERATOR (air trans.)
ramp serviceman
912.884 PARACHUTE RIGGER (air trans.)
parachute packer
Master Rigger (air trans.)
912.887 LABORER, AIRPORT MAINTENANCE (air trans.)
LINEMAN (air trans.)
equipment serviceman
fueler
Linewoman (air trans.)

913. Passenger Transportation Occupations, n.e.c.
This group includes occupations, not elsewhere classified, concerned with conveying passengers by driving automobiles and buses; assigning vehicles and drivers to routes; and directing arrivals and departures of vehicles.
913.138 ROAD SUPERVISOR (motor trans.)
superintendent, drivers
SUPERVISOR, CAB (motor trans.)
913.168 BUS DISPATCHER, INTERSTATE (motor trans.)
dispatcher
DISPATCHER, BUS AND TROLLEY (motor trans.)
transit-operations supervisor
SCHEDULE MAKER (motor trans.; r.r. trans.)
TAXICAB STARTER (motor trans.)
cab starter
dispatcher
913.363 BUS DRIVER, DAY-HAUL OR FARM CHARTER (agric.)
Day-Haul Youth Supervisor (agric.)

913.363 MOTORMAN (r.r. trans.) II
Con. streetcar motorman
streetcar operator
trolley-car operator
TAXI DRIVER (motor trans.)
cab driver
Chauffeur, Airport Limousine (motor trans.)
913.368 ASSIGNMENT CLERK (motor trans.)
assignment agent
bulletin clerk
913.463 BUS DRIVER (motor trans.)
chauffeur, motorbus
coach operator
BUS DRIVER, SCHOOL (motor trans)
TRANSIT OPERATOR (motor trans.)
Motor-Coach Driver (motor trans.)
Trolley-Coach Driver (motor trans.)
913.868 CALLER (air trans.; r.r. trans.)
broadcast attendant
Platform Man (r.r. trans.)
Train Announcer (r.r. trans.)
913.883 AMBULANCE DRIVER (medical ser.)
CHAUFFEUR (any ind.)
MOBILE-LOUNGE DRIVER (motor trans.)
913.887 CAR CARDER (motor trans.)

914. Pumping and Pipeline Transportation Occupations

This group includes occupations concerned with conveying materials, such as oil, gas, water, coal, slurry, and pulp, by operating or tending pipeline pumps, and opening and closing valves; and related activities.

914.131 FOREMAN, FIELD PIPE LINES (pipe lines)
deliveryman, chief
district foreman
gager, chief delivery
terminal-gager foreman
FOREMAN, PUMPING (ore dress., smelt., & refin.)
914.132 COMPRESSOR-STATION ENGINEER, CHIEF (pipe lines)
plant superintendent
STATION ENGINEER, CHIEF (pipe lines)
oil-pump-station operator, chief
station chief
Station Engineer, Operating Chief (pipe lines)
914.134 GAGER, CHIEF (petrol. production; petrol. refin.; pipe lines)
chief gager
district gager
914.138 FOREMAN, PIPE-LINE MAINTENANCE (pipe lines)
crew foreman
maintenance-crew foreman
pipe-line-maintenance supervisor
MAINTENANCE-INSPECTOR FOREMAN (pipe lines)
inspector, foreman
914.168 DISPATCHER, CHIEF (petrol. production; petrol. refin.; pipe lines) II
district superintendent, gas and gasoline
general-office dispatcher
superintendent, pressure
DISPATCHER, OIL (petrol. production; petrol. refin.; pipe lines)
oil dispatcher
Dispatcher, Refinery (pipe lines)
914.368 DISPATCHER, RELAY (pipe lines)
914.381 GAGER (petrol. production; petrol. refin.; pipe lines)
field gager
pipe-line gager
tank-farm gager
terminal gager
Gager, Delivery (pipe lines)
914.382 CONSTRUCTION-AND-MAINTENANCE INSPECTOR (petrol. refin.)
914.584 LINE WALKER (petrol. production; petrol. refin.; pipe lines)
line rider
trouble shooter
914.782 COAL-PIPE LINE OPERATOR (pipe lines)
OIL PUMPER (petrol. production)
oil-well pumper
pumper
914.782 STATION ENGINEER, MAIN LINE (pipe lines)
Con. pump-station operator
station operator
914.885 DREDGE OPERATOR, BRIDGE (mining & quarrying)
rotating-dredge operator
PUMPMAN (any ind.)
circulator
pump-machine operator
pump operator
pump runner
pump tender
siphoner
Acid Pumpman (chem.)
Boiler-Feed-Pump Operator (light, heat, & power)
Irrigating-Pump Operator (agric.)
Tailings-Dam Pumpman (ore dress., smelt., & refin.)
Yard Pumpman (any ind.)
GAS-TRANSFER MAN (comp. & liquefied gases)
transfer man
PUMPMAN, BREWERY (malt liquors)
cellar worker
Bottle-House Pumper (malt liquors)
Cellar Pumper (malt liquors)
Wort Pumper (malt liquors)
Yeast Pumper (malt liquors)
914.887 LABORER, PIPE LINES (pipe lines)
PUMPMAN HELPER (any ind.)

915. Attendants and Servicemen, Parking Lots and Service Facilities.

This group includes occupations concerned with parking, cleaning, polishing, lubricating, and refueling trucks, buses, and automobiles, and related servicing activities.

915.134 TIRE-SERVICE FOREMAN (auto. ser.)
manager, tire service
915.137 CAR-WASH SUPERVISOR (auto. ser.)
915.587 GAS-AND-OIL MAN (motor trans.)
fuel-and-oil man
gas-and-oil checker
gasoline-station attendant
station attendant
915.867 AUTOMOBILE-SERVICE-STATION ATTENDANT (auto. ser.)
automobile-service-station salesman
filling-station attendant
gasman
gasoline-station serviceman
gas-station attendant
gas tender
pumpman
salesman, gasoline
salesman, oil
service-station attendant
TRAILER-RENTAL ATTENDANT (auto. ser.)
915.878 AUTOMOBILE-SELF-SERVE-SERVICE-STATION ATTENDANT (auto. ser.)
cashier, automobile services
gasateria attendant
Marine-Service-Station Attendant (water trans.)
PARKING-LOT ATTENDANT (auto. ser.)
automobile parker
parking attendant
parking-lot yardman
parking-station attendant
spotter
Storage-Garage Attendant (auto. ser.)
PARKING-LOT CHAUFFEUR (auto. ser.)
parking-lot runner
915.883 HOSTLER (auto. ser.)
safety inspector, truck
915.884 GARAGEMAN, INDUSTRIAL (auto. ser.)
garage-floor man
garage serviceman
gas-and-oil man
TIRE REPAIRMAN (auto. ser.)
tire-and-tube repairman
tire-and-tube serviceman
tire fixer
tireman
tire serviceman
Giant-Tire Repairman (auto. ser.)
Tire Changer (auto. ser.)
Tire Changer, Road Service (auto. ser.)
915.887 AUTOMOBILE-SLIP-COVER INSTALLER (auto. ser.)
LUBRICATION MAN (auto. ser.)
greaser
lubrication salesman
lubrication technician
oiler
PORTER, USED-CAR LOT (ret. tr.; whole. tr.)
used-car-lot attendant
STEAM CLEANER (auto. ser.)
automobile washer, steam
steam nozzleman
TAXI SERVICEMAN (motor trans.)

919. Miscellaneous Transportation Occupations, n.e.c.

This group includes occupations, not elsewhere classified, concerned with transportation.

919.138 DEPOT MASTER (motor trans.; r.r. trans.)
dispatcher
dispatcher, division
dispatcher, station
station master
919.168 DISPATCHER, MOTOR VEHICLE (clerical)
motor transportation clerk
transportation clerk
DISPATCHER, TRAFFIC OR SYSTEM (motor trans.; r.r. trans.)
919.228 INSTRUCTOR, BUS, TROLLEY, AND TAXI (motor trans.; r.r. trans.)
919.368 DISPATCHER, CAR RENTAL (auto. ser.)
u-drive clerk
TICKET AGENT (any ind.)
berthing-sheet clerk
field-traffic man
passenger agent
passenger-booking clerk
reservation clerk
ticket clerk
ticket seller
TRAFFIC CHECKER (gov. ser.)
919.387 NEW-CAR INSPECTOR (motor trans.)
919.388 OVER-SHORT-AND-DAMAGE CLERK (motor trans.; r.r. trans.)
919.478 CAR-RENTAL CLERK (auto. ser.)
919.687 CHECKER (motor trans.)
919.782 REFRIGERATING-MACHINE OPERATOR (motor trans.)
unit operator
919.883 DELIVERYMAN (any ind.) II
Auto-Parts Driver (auto. ser.)
Motorcycle Driver, Delivery (any ind.)
Motor Scooter Driver, Delivery (any ind.)
DELIVERYMAN, CAR RENTAL (auto. ser.)
floorman, car rental
washer driver
DRIVER (auto. mfg.)
car driver
drive-away man
DRIVER-UTILITY MAN (auto. mfg.)
MOTORMAN (any ind.)
dinkey operator
larry-car operator
trainman
trammer
Air-Loco Driver (mining & quarrying)
Ball-Mill Charger (ore dress., smelt., & refin.)
Compressed-Air Motorman (any ind.)
Derrick-Car Man (r.r. trans.)
Diesel-Dinkey Operator (any ind.)
Dump Motorman (mining & quarrying)
Electric Motorman (any ind.)
Gasoline-Dinkey Operator (any ind.)
Gathering Motorman (mining & quarrying)
Hot-Metal Car Operator (iron & steel)
Inside-Haulage Engineer (mining & quarrying)
Lead Motorman (ore dress., smelt., & refin.)
Lumber-Yard Motorman (mining & quarrying)
Main-Line Motorman (mining & quarrying)
Mine Motorman (mining & quarrying)
Outside-Haulage Engineer (mining & quarrying)

919.883 Con.
Shuttle Man (mining & quarrying)
Slag Motorman (ore dress., smelt., & refin.)
Slate Motorman (mining & quarrying)
Steam-Dinkey Operator (any ind.)
Steam-Haulage Engineer (mining & quarrying)
Stock-House Larryman (iron & steel)
Supply Motorman (mining & quarrying)
Trolley-Car Motorman (ore dress., smelt., & refin.)
Work-Car Operator (loco. & car bldg. & rep.)
SPEEDERMAN (logging)
TRACKMOBILE OPERATOR (any ind.)
RAIL-TRACTOR OPERATOR (iron & steel)
ingot buggy operator
Table Operator (iron & steel)
STREET-SWEEPER OPERATOR (gov. ser.)
tractor-sweeper driver
Leaf-Sucker Operator (gov. ser.)
Power-Sweeper Operator (any ind.)
SUPPLIES PACKER (any ind.)
pack-train driver
TEAMSTER (any ind.)
freighter
freight man
hauler
skinner
team driver
toter
Cart Driver (any ind.)
Drayman (any ind.)
Four-Horse Hitch Driver (any ind.)
Horse-and-Wagon Driver (any ind.)
Long-Line Teamster (any ind.)
Mule Driver (any ind.)
Six-Horse Hitch Driver (any ind.)
Wagon Driver (any ind.)
CARTER (logging)
RUTTER MAN (logging) II
SNAKER (logging)
skid teamster
TOW-TRUCK OPERATOR (auto. ser.)
tow-car driver
towman
wrecker operator

919.887 CLEANER (any ind.) II
Airplane Cleaner (air trans.)
Automobile Washer (auto. ser.)
Bus Cleaner (auto. ser.)
Cabin-Service Agent (air trans.)
Car Cleaner (r.r. trans.)
Coach Cleaner (r.r. trans.)
Truck Washer (dairy prod.)
YARDMAN (agric.) I

92 PACKAGING AND MATERIALS HANDLING OCCUPATIONS

This division includes occupations concerned with preparing and arranging materials and products in bulk and nonbulk forms for distribution or storage; moving and loading or unloading equipment, materials, and products; operating or tending filling, packing, and wrapping machines or conveyors; driving forklifts, lumber carriers, and related materials-handling machinery and equipment; and using scoops, handtrucks, and wheelbarrows.

920. Packaging Occupations

This group includes occupations concerned with assembling containers; pouring and placing materials and products into containers; covering articles or goods with cellophane, paper, and other wrapping materials; cleaning, closing, labeling, stenciling, and stacking articles and containers; and operating or tending filling, packing, or wrapping machines.

920.130 FOREMAN, PACKING (sugar)

920.132 FOREMAN, CARTON AND CAN SUPPLY (malt liquors)

PACKAGING FOREMAN (any ind.)
Barrel Filler, Head (any ind.)
Bottling Foreman (any ind.)
Can Foreman (any ind.)

920.137 FOREMAN (chew. gum)
Foreman, Inspection Room (chew. gum)
Foreman, Unwrapping Room (chew. gum)
Foreman, Wrapping Room (chew. gum)
PACKING-HOUSE FOREMAN (agric.; whole. tr.)
house foreman
packing-shed foreman
Banana-Ripening-Room Foreman (whole. tr.)
SORTING FOREMAN (brick & tile)

920.138 FOREMAN, FILLING-AND-PACKING (paint & varn.)

920.280 PACKAGING-MACHINE ADJUSTER (food prep., n.e.c.)
machine adjuster
PACKAGING-MACHINE MECHANIC (drug. prep. & rel. prod.)

920.380 FILLING-LINE SET-UP MAN (any ind.)
line maintenance and set-up man
Lineman, Cannery (can. & preserv.)
MACHINE-SET-UP MAN (food prep., n.e.c.)
PACKAGING-MACHINE ADJUSTER (any ind.)
adjuster, packaging machine
machine adjuster
PACKING-MACHINE ADJUSTER (ammunition)

920.387 INSPECTOR, PACKAGING MATERIALS (drug. prep. & rel. prod.)
packaging inspector

920.587 SAMPLE-HANDKERCHIEF GIRL (garment)

920.687 CAN INSPECTOR (can. & preserv.; malt liquors)
closing-and-filling loader
seam checker
CAN PATCHER (can. & preserv.)
CAN RECONDITIONER (can. & preserv.)
CARTON INSPECTOR (tobacco)
carton searcher
LINEN-SUPPLY LOAD-BUILDER (laund.)
SNUFF-CONTAINER INSPECTOR (tobacco)
VACUUM TESTER, CANS (can. & preserv.)
cap inspector

920.780 FILLING-MACHINE-SET-UP MAN (food prep., n.e.c.)
service man
LABELING-MACHINE SET-UP MAN (any ind.)

920.782 ICICLE-MACHINE OPERATOR (dairy prod.)
MASKING-MACHINE OPERATOR (plastics mat.)

920.884 CRATE LINER (furn.)
CRATER (any ind.) II
boxer
carpenter, packing
case maker
Crate Repairer (any ind.)
Machinery Crater (mach. mfg.)
Refrigerator Crater (refrigerat. equip.)
BOXER (stonework)
box maker
crater
marble cleaner
packer

920.885 BANDER-AND-CELLOPHANER, MACHINE (tobacco)
BLISTER PACKER (pen & pencil)
BLOCKER (trim. & stamp. art goods)
BOTTLE PACKER (malt liquors)
caser
BUNDLE TIER AND LABELER (plan. mill; sawmill)
CANDLE WRAPPING-MACHINE OPERATOR (candle)
CAN STRIPER (can. & preserv.)
can marker
painter, can
CARDER (any ind.)
card assembler
carding-machine operator
Metal-Hairpin Carder (any ind.)
Pin Inserter (any ind.)
CARTON-PACKAGING-MACHINE OPERATOR (tobacco)
packing-machine inspector
CIGARETTE-BOXING-MACHINE OPERATOR (tobacco)
boxer operator

920.885 Con.
CASE-LOADER OPERATOR (malt liquors)
can-bander operator
six-pack-loader operator
six-pack packer
CASE-PACKING-AND-SEALING-MACHINE OPERATOR, AUTOMATIC (tobacco)
container-packer operator
CIGAR BRANDER (tobacco)
CIGARETTE-PACKING-MACHINE OPERATOR (tobacco)
packaging operator
packer operator
COTTON BALER (agric.)
pressman, cotton ginning
COTTON-ROLL PACKER (surgical appl.)
CRIMPING-MACHINE OPERATOR (distilled liquors)
FEED WEIGHER (corn prod.)
laborer, feed elevator
packer
FILLING-AND-CRIMPING-MACHINE TENDER (ammunition)
shot-tube-machine tender
FRUIT-PACKING-GRADER OPERATOR (agric.; whole. tr.)
HYDRAULIC-PRESS OPERATOR (tobacco)
hogshead-press operator
pressman
prize jacker
transfer man
LABELING-MACHINE OPERATOR (phonograph)
LABORER, RACK ROOM (malt liquors)
corker
filler
racker
stacker
stamper
LACE-ROLLER OPERATOR (leather prod.)
belt roller
PACKAGER, MACHINE (any ind.)
machine operator, packaging
machine packager
Aerosol-Line Operator (any ind.)
Bag Printer (bone, carbon, & lampblack; fertilizer)
Blister-Packing-Machine Tender (any ind.)
Bottle Washer, Machine (any ind.)
Bread-Wrapping-Machine Feeder (bake. prod.)
Candy-Wrapping-Machine Operator (confection.)
Capping-Machine Operator (any ind.)
Carton-Forming-Machine Operator (any ind.) II
Carton-Gluing-Machine Operator (any ind.)
Cellophane Wrapper, Machine (any ind.)
Container-Maker-Filler-Packer Operator (any ind.)
Cover Marker (paint & varn.)
Filling-Machine Operator (any ind.)
Gassing-Machine Tender (any ind.)
Labeler, Machine (any ind.)
Packing-Machine Tender (any ind.)
Palletizer Operator (any ind.) II
Sack Sewer, Machine (any ind.)
Silk Screener (optical goods)
Spring Crater (matt. & bedspring)
Stencil Cutter, Machine (any ind.)
Tea-Bag-Machine Tender (food prep., n.e.c.)
Tire Wrapper (auto. ser.; rubber tire & tube)
Tube-Filling-Machine Operator (can. & preserv.; clean. & polish. prod.)
Tying-Machine Operator (any ind.)
Wrapping-and-Packing-Machine Operator (any ind.)
Wrapping-Machine Operator (any ind.)
PACKAGE SEALER (any ind.)
box gluer
box sealer
carton fastener
carton gluer
carton sealer
carton taper

920.885 Con.
case closer
case sealer
container taper
Box-Sealing-Machine Catcher (any ind.)
Box-Sealing-Machine Feeder (any ind.)
Cigarette-Carton Sealer (any ind.)
Hot-Sealing-Machine Operator (any ind.)
PACKER OPERATOR, AUTOMATIC (tobacco)
press operator, automatic
PACKING-MACHINE-PILOT CAN ROUTER (tobacco)
pilot can router
ROLL FINISHER (paper & pulp)
roll wrapper
Pony-Roll Finisher (paper & pulp)
SNUFF-PACKING-MACHINE OPERATOR (tobacco)
STEAMER (malt liquors)
soaker-soda man
soda man
TOBACCO-BUNDLING-MACHINE OPERATOR (tobacco)
bundler
TOBACCO-PACKING-MACHINE OPERATOR (tobacco)
packing-and-stamping machine operator
packing-machine operator
Bag-Filler-Machine Operator (tobacco)
Can-Filling-Machine Operator (tobacco)
Foil-Packing-Machine Operator (tobacco)
Granulated-Tobacco-Packing-Machine Operator (tobacco)
Smoking-Tobacco-Packing-Machine Hand (tobacco)
POUCH-MAKING-MACHINE OPERATOR (tobacco)
pack maker, machine
pouch-labeling operator
UTILITY MAN, EXPORT DEPARTMENT (tobacco)
WEASAND PACKER, MACHINE (tobacco)
WEASAND WASHER (tobacco)
WRAPPER (wirework)
rewinder
WRAPPING-AND-CUTTING-MACHINE OPERATOR (food prep., n.e.c.)
packaging-machine operator
yeast-cake cutter

920.886 BANDER AND CELLOPHANER HELPER, MACHINE (tobacco)
bander-and-cellophane-wrapping-machine-operator helper
CAN TURNER (tobacco)
CLOTH-BAG TIER (tobacco)
COTTON-BALL BAGGER (surgical appl.)
FOLDING-MACHINE FEEDER (textile)
MASKING-MACHINE TENDER (plastics mat.)
ORDER FILLER, LINSEED OIL (oils & fats)
PACKAGE TRAY-UP GIRL (tobacco)
PACKAGING LABORER (any ind.)
PACKER FEEDER (tobacco)
packer hopper feeder
PACKING-FLOOR BOY (tobacco)
PACKING-MACHINE BAG FEEDER (tobacco)
bag feeder
packing-machine operator
smoking-tobacco-packing-machine skinner
PACKING-MACHINE CAN FEEDER (tobacco)
can feeder
tin-can feeder
tin girl
POLY-PACKER AND HEAT SEALER (surgical appl.)
heat sealer and poly-packer
PRESS BUCKER (any ind.)
Band Shover, Press (agric.)
PRESSMAN, BROOMCORN (agric.)
SHEET PRESSER (textile)
press-ticket girl
press-transfer girl
SHUFFLEDOWNER (roof. materials)
shingle packer
SNUFF DUMPER (tobacco)
hopper feeder
SNUFF-PACKING-MACHINE LID-FEEDER (tobacco)

920.886 Con.
SPOOLER, SEQUINS (fabric. plastics prod.)
winder, machine, sequins
TAKE-OFF-AND-FEED MAN, SNUFF CANS (tobacco)
TAKE-OFF MAN (nail)
packer, finished nail assembly
TOBACCO PACKER (tobacco)
TRAY FILLER (tobacco)
packing presser
tray packer
WEASAND VARNISHER (tobacco)

920.887 APPLE-PACKING HEADER (agric.)
BAGGER (clean., dye., & press.; laund.)
BAGGER (ret. tr.)
box boy
package boy
BAG LOADER (ammunition)
BALE CAPPER (tobacco)
BALE SEWER (agric.)
Sewer, Head (agric.)
BANDER, HAND (paper goods)
Napkin-Band Wrapper (paper goods)
Papeterie-Table Assembler (paper goods)
Towel Bander (paper goods)
BANDER, HAND (tobacco)
cigar bander, hand
BANDOLEER PACKER (ammunition)
BLADDER PACKER, HAND (tobacco)
snuff-bladder packer
BLUEPRINT TRIMMER (any ind.)
blueprint assembler
cutter
trimmer
BOTTLING-LINE ATTENDANT (distilled liquors)
line operator
Bottle-Label Inspector (distilled liquors)
Stamp Presser (distilled liquors)
Strip-Stamp Straightener (distilled liquors)
CARDBOARD INSERTER (hosiery)
CARRIER PACKER (surgical appl.)
COTTON TIER (agric.)
tie-out man
Returner (agric.)
DENTAL FLOSS PACKER (surgical appl.)
GARMENT BAGGER (garment)
HANDKERCHIEF FOLDER (garment)
HOGSHEAD OPENER (tobacco)
hogshead hand
hogshead stripper
hogshead unpacker
hogshead wrecker
strip-up man
LABEL CODER (malt liquors)
label marker
LABEL REMOVER (distilled liquors)
LINE-OUT MAN (tobacco) I
head-out man
hogshead liner
LINE-OUT MAN (tobacco) II
MACHINE-PACK ASSEMBLER (ammunition)
MARKER (any ind.) II
labeler
stamper
PACKAGER, HAND (any ind.)
hand packager
Bagger (any ind.)
Bow Maker, Gift Wrapping (any ind.)
Box Maker, Cardboard (any ind.)
Box Wrapper (any ind.)
Bundler (any ind.)
Candle Wrapper (candle)
Candy Packer (confection.)
Carton Stapler (any ind.)
Caser, Rolled Glass (glass mfg.)
Coil Strapper (iron & steel)
Container Filler (any ind.)
Fancy Packer (ret. tr.; whole. tr.)
Filler (any ind.)
Furniture Packer (ret. tr.)
Grader, Sausage and Wiener (slaught. & meat pack.)
Guncotton Packer (explosives)
Inserter, Promotional Item (any ind.)
Inspector-Packager (any ind.)
Mattress Packer (matt. & bedspring)

920.887 Con.
Novelty-Balloon Assembler & Packer (rubber goods)
Packager, Meat (slaught. & meat pack.)
Packaging-Line Attendant (any ind.)
Packer, Dried Beef (slaught. & meat pack.)
Packer, Foamed-in-Place (any ind.)
Packer, Sausage and Weiner (slaught. & meat pack.)
Piece-Goods Packer (textile)
Sack Sewer, Hand (any ind.)
Scaler, Sliced Bacon (slaught. & meat pack.)
Sponge Packer (whole. tr.)
Stamper (any ind.) I
Table Worker (any ind.) I
Tube Packer (rubber tire & tube)
Wrapper (any ind.)
Wrapper, Hand (can. & preserv.)
Wrapping Remover (any ind.)
PACKER (tobacco) I
carton filler
case packer
case sealer
pack-up boy
Chewing Packer, Hand (tobacco)
Cigarette Packer, Hand (tobacco)
Cut-Plug Packer (tobacco)
Export Packer (tobacco)
Smoking-Tobacco Packer, Hand (tobacco)
Twist Packer (tobacco)
PACKER, AGRICULTURAL PRODUCE (agric.; can, & preserv.; whole. tr.)
Apple Packer (agric.; whole. tr.)
Apricot Packer (agric.; whole. tr.)
Avocado Packer (agric.; whole. tr.)
Basket Turner (agric.)
Boxer (agric.)
Capper (agric.)
Cherry Packer (agric.; whole. tr.)
Citrus-Fruit Packer (agric.; whole. tr.)
Crater (agric.)
Crate Tie-Man (agric.; whole. tr.)
Culled-Fruit Packer (agric.)
Egg Packer (agric.; whole. tr.)
Face-and-Fill Packer (agric.)
Fruit Packer, Face-and-Fill (agric.; whole. tr.)
Fruit Packer, Wrap-and-Place (agric.; whole. tr.)
Header (agric.; whole. tr.)
Lettuce Trimmer (agric.)
Lidder (agric.; whole. tr.)
Make-Up Marketman, Truck Garden (agric.)
Melon Packer (agric.)
Mushroom Packer (agric.)
Pear Packer (agric.; whole. tr.)
Plant Packer (agric.)
Plant Wrapper (agric.)
Plum Packer (agric.; whole. tr.)
Ring Facer (agric.)
Ring Packer (agric.; whole. tr.)
Seed Packer (agric.)
Tobacco Packer (agric.)
Topper Packer (agric.)
Tree Wrapper (agric.)
PAPER BOY (glass mfg.)
REPACK-ROOM WORKER (distilled liquors; malt liquors)
ROSIN-BARREL MAN (turp. & rosin.)
SAMPLE MOUNTER (any ind.)
card mounter
gluer
paster
sample-book maker
sample-card maker
sample maker
Cloth-Sample-Book Binder (textile)
Swatch Paster (garment)
SHINGLE PACKER (sawmill)
shingle weaver
Shake Packer (sawmill)
SHIPPING PROCESSOR (aircraft mfg.)
wrapper and preserver
SHOE PACKER (boot & shoe)
shoe handler

920.887 Con.
SHOT BAGGER (ammunition)
shot packer
volumetric weigher
SNUFF-BOX FINISHER (tobacco)
SNUFF-CAN ROLLER (tobacco)
can roller
can-roll taper
SNUFF-TUMBLER TOPPER (tobacco)
tumbler topper
STENCILER (any ind.)
brand boy
marker, shipments
Carton Stenciler (any ind.)
Drum Stenciler (distilled liquors)
Sack Stenciler (any ind.)
STERLIZER (vinous liquors)
sterilizer operator
sterilizing man
TABLE-COVER FOLDER (house furn.)
TIE BINDER (garment)
bander
bundler
TISSUE INSERTER (hosiery)
paper inserter
TOBACCO WRAPPER (tobacco)
foiler, hand
odd-size-package wrapper
TUMBLER UNPACKER (tobacco)
carton opener, snuff glasses

921. Hoisting and Conveying Occupations

This group includes occupations concerned with lifting and moving materials, machines, and products, using power-operated cranes, hoists, winches, conveyors, and industrial trucks; attaching ropes, chains, slings, and other devices to objects being moved; signaling machine operators and guiding moving loads; and related activities.

921.133 CRANE-CREW FOREMAN (any ind.)
921.137 MATERIAL-CREW FOREMAN (const.)
loading leadman
moving-crew foreman
921.138 FOREMAN, DOCK (coke prod.)
921.280 RIGGER (any ind.) II
craneman
crane rigger
groundsman
hook-and-chain man
hook tender
slinger
yard rigger
Machinery Erector (ship & boat bldg. & rep.)
Machine Mover (const.)
921.587 TRANSFORMER-STOCKROOM MAN (light, heat, & power)
921.782 GRAB OPERATOR (sugar)
TIPPLE MAN (sawmill)
tipple tender
WAYS OPERATOR (ship & boat bldg. & rep.)
921.883 BOOM-CONVEYOR MAN (mining & quarrying)
loader-head man
stacker attendant
CANTILEVER-CRANE OPERATOR (coke prod.; ship & boat bldg. & rep.)
rig operator
COAL-TOWER OPERATOR (water trans.)
COKE LOADER (coke prod.)
loader, coke
CONVEYOR OPERATOR (any ind.)
Bulk-Loader Operator (water trans.)
Coal-Conveyor Man (any ind.)
Grain Distributor (grain & feed mill.)
Grain-Elevator Man (grain & feed mill.)
Screenman (cement)
Suction Man (agric.)
CUPOLA HOISTMAN (found.)
DERRICK-BOAT OPERATOR (water trans.)
barge-crane operator
deck-engine operator
derrick-barge operator
floating-derrick operator
scow-derrick operator
ELECTRIC-BRIDGE-OR-GANTRY-CRANE OPERATOR (any ind.)
crane operator, cab
electric-overhead-crane operator

921.883 Con.
electric-traveling-crane operator
overhead-crane operator
traveling-crane operator
Acid-Craneman (iron & steel)
Charging-Crane Operator (found.; iron & steel)
Cinder-Crane Operator (found.; iron & steel)
Cold-Roll Packer, Sheet Iron (iron & steel)
Electric-Bridge-Crane Operator (any ind.)
Electric-Gantry-Crane Operator (any ind.)
Hot-Metal-Crane Operator (found.; iron & steel; ore dress., smelt., & refin.)
Ingot Stripper (iron & steel)
Scrap Craneman (iron & steel)
Stock Craneman (iron & steel)
ELECTRIC-MONORAIL-CRANE OPERATOR (any ind.)
monorail-crane operator
monorail operator
Acid Craneman (iron & steel)
Cinder-Crane Operator (found.; iron & steel)
Cold-Roll Packer, Sheet Iron (iron & steel)
Charging-Crane Operator (found.; iron & steel)
Hot-Metal-Crane Operator (found.; iron & steel; ore dress., smelt., & refin.)
Ingot Stripper (iron & steel)
Scrap Craneman (iron & steel)
Stock Craneman (iron & steel)
ELEVATOR OPERATOR, FREIGHT (any ind.)
elevator operator, service
gun operator
hoistman
service-car operator
vertical-lift man
HOISTING ENGINEER (any ind.)
hoist engineer
hoisting engineman
hoisting-machine operator
hoist operator
power hoistman
powerman
Cableway Operator (any ind.)
Cage Operator (any ind.)
Derrick Operator (any ind.)
Gin-Pole Operator (const.)
Inclined-Railway Operator (any ind.)
Skip-Hoist Operator (any ind.)
CAPSTAN MAN (const.)
drum-and-cable man
COAL-TOWER OPERATOR (light, heat, & power)
CONCRETE-TOWER-HOIST OPERATOR (const.)
cement-hoistman
HOISTMAN (mining & quarrying)
CHAIN-HOIST OPERATOR (mining & quarrying)
Electric-Hoist Operator (mining & quarrying)
Slope-Hoist Operator (mining quarrying)
Steam-Hoist Operator (mining & quarrying)
Tower-Hoist Operator (mining & quarrying)
Tugger Operator (mining & quarrying)
LOG-YARD DERRICKMAN (sawmill)
SCRAPER-LOADER OPERATOR (mining & quarrying)
dragman
slusher operator
LOADER, MALT HOUSE (malt liquors)
compartment man
kiln loader
malt loader
LOCOMOTIVE-CRANE OPERATOR (any ind.)
railroad-crane operator
Diesel-Locomotive-Crane Operator (any ind.)

921.883 Con.
Electric-Locomotive-Crane Operator (any ind.)
Gasoline-Locomotive-Crane Operator (any ind.)
SKIP OPERATOR (iron & steel)
scale-and-skip-car operator
STATIC-TEST OPERATOR (ordnance)
TOWER-WHIRLER OPERATOR (ship & boat bldg. & rep.)
gantry-crane operator
portal-crane operator
shipways-crane operator
tower-crane operator
tower-gantry-crane operator
whirley operator
TRACTOR-CRANE OPERATOR (any ind.)
crawler-crane operator
tractor-crane engineer
Clamshell Operator (any ind.)
Demolition-Crane Operator (any ind.)
Electromagnet-Crane Operator (any ind.)
Orange-Peel Operator (any ind.)
TRANSFER MAN (sawmill)
control man
jump-roll man
TRUCK-CRANE OPERATOR (any ind.)
mobile-crane operator
Clamshell Operator (any ind.)
Demolition-Crane Operator (any ind.)
Diesel-Truck-Crane Operator (any ind.)
Electromagnet-Crane Operator (any ind.)
Gasoline-Truck-Crane Operator (any ind.)
Orange-Peel Operator (any ind.)
SHOVEL-LOADER OPERATOR (logging)
Air-Tongs Operator (logging)
Heel-Boom Operator (logging)
921.885 BULL-CHAIN OPERATOR (sawmill)
deckman
log-deck tender
CAGE TENDER (const.)
bottom man
COAL-TRIMMER-MACHINE OPERATOR (water trans.)
chute operator
telescope operator
CONVEYOR MAN (ammunition)
CONVEYOR TENDER (tobacco)
bulker discharge attendant
cutting-machine-hopper feeder
feeder operator
shredding-machine loader
Strip-Cutting-Machine Feeder (tobacco)
COOKER LOADER (grease & tallow)
charge loader
tank charger
DRIER-TAKE-OFF MAN (elec. equip.)
ELECTRIC-FORK OPERATOR (agric.)
GRAIN-ELEVATOR-MOTOR STARTER (grain & feed mill.)
GRAIN RECEIVER (corn prod.)
elevator man
LEAF-STORAGE STACKER (tobacco)
case stacker
PRODUCTION-SUPPLY MAN (food prep., n.c.c.)
production helper
921.886 PONDMAN (paper & pulp; sawmill)
boom man
chute feeder
hoister
jacker feeder
log-chain feeder
poler
sinker man
sinker puller
slip feeder
swingman
Boatman (sawmill)
Log Rider (sawmill)
SARATOGA FILLER (tobacco)
cutting boxer

921.887 KILN DRAWER (brick & tile)
drawer
pick-up man
RIGGER HELPER (any ind.)
WHARFMAN (water trans.) I
WINDLASS OPERATOR (any ind.)
hoist operator, hand
laborer, hand winch
winchman, hand
winch operator, hand
Derrick Operator, Hand (any ind.)
Jib-Crane Operator (any ind.)

922. Occupations in Moving and Storing Materials, n.e.c.

This group includes occupations, not elsewhere classified, concerned with loading and moving materials and products, using hand-trucks and wheelbarrows; shoveling, carrying, sorting, and stacking materials and products; and stock checking or records keeping not included in Division 22.

922.132 FOREMAN, CELLARS (malt liquors)
922.137 COAL-YARD FOREMAN (any ind.)
ash-and-coal foreman
coal-and-ash foreman
foreman, coal handling
millroom foreman
FOREMAN, CASE UNLOADING (malt liquors)
FOREMAN, HIDE HOUSE (leather mfg.)
FOREMAN, INSPECTION (plastics mat.)
inspection foreman
FOREMAN, LIVESTOCK SALE BARN (whole. tr.)
FOREMAN, LOADING (any ind.)
loading-crew foreman
FOREMAN, OPEN-HEARTH STOCKYARD (iron & steel)
FOREMAN, SHIPPING ROOM (malt liquors)
loading foreman
MUNITIONS-HANDLER FOREMAN (ammunition)
WAREHOUSE TRAFFIC MAN (whole. tr.)
traffic man
922.138 COOLER FOREMAN (dairy prod.)
FOREMAN, DOCK (petrol. refin.; pipe lines)
dock foreman
terminal foreman
wharfman, head
wharf tender, head
LOADING-RACK FOREMAN (petrol. refin.; pipe lines)
loading foreman
rack foreman
PLATFORM FOREMAN (any ind.)
dock foreman
loading foreman
YARD FOREMAN (forestry)
922.487 SORTER OPERATOR (sawmill)
lumber sorter, machine
922.687 BOBBIN SORTER (glass mfg.; synthetic fibers; textile)
bobbin salvager
spool salvager
YARDMAN, USED BUILDING MATERIALS (ret. tr.)
YARD SORTER (textile)
cabin man
filling separator
filling sorter and hauler
soft-waste handler
yarn dumpman
922.782 CAR DUMPER (cement)
car unloader
dumpman
storage-house man
storage-yard man
tipple man
unloader
CAR-DUMPER OPERATOR (malt liquors)
car unloader
dumper
FLOUR DISTRIBUTER (macaroni & rel. prod.)
blender
bulk-system operator
pneumatic-systems operator
STACKER-HOIST-AND-SORTER-POCKET MAN (sawmill)
922.883 CHIP UNLOADER (paper & pulp)
COAL-EQUIPMENT OPERATOR (light, heat, & power)

922.883 Con. INDUSTRIAL-TRUCK OPERATOR (any ind.)
Barrel-House Man (petrol. refin.)
Burnt-Lime Drawer (lime)
Casting Trucker (found.)
Electric-Freight-Car Operator (r.r. trans.)
Electric-Truck-Crane Operator (any ind.)
Electric-Truck Operator (any ind.)
Fork-Lift-Truck Operator (any ind.)
Gasoline-Truck Operator (any ind.)
Lead Loader (ore dress., smelt., & refin.)
Metal-Storage Man (nonfer. metal alloys)
Package-Lift Operator (any ind.)
Stripper Truckman (ore dress., smelt., & refin.)
Tier-Lift-Truck Operator (any ind.)
POWDER-FARM ATTENDANT (ammunition)
POWER-BUGGY OPERATOR (any ind.)
gasoline-buggy operator
power-buggy man
STRADDLE-TRUCK OPERATOR (any ind.)
Ross-carrier operator
Lumber-Carrier Driver (plan. mill)
922.885 BARREL FILLER (vinous liquors)
BINMAN (coke prod.)
Binman, Kopper Ovens (coke prod.)
Binman, Solvay Ovens (coke prod.)
BOAT LOADER (water trans.) II
CEMENT LOADER AND SACKER (cement)
Cement-Boat-and-Barge Loader (cement)
Cement-Railroad-Car Loader (cement)
Cement-Truck Loader (cement)
CHIP-BIN MAN (paper & pulp)
chip deliveryman
chip-loft man
chip-silo tender
green-end man
DUMP OPERATOR (any ind.)
boxcar unloader
car-dumper operator
tipple man
Car-Shakeout Operator (mining & quarrying)
Grain Unloader, Machine (grain & feed mill.)
Rotary-Dump Operator (mining & quarrying)
FISH BAILER (fish.)
FLUMER (sugar) I
beet flumer
PIGMENT PUMPER (rubber reclaim.)
checker
pigment man
pigment-supply man
solvent-station attendant
922.886 CAR-DUMPER-OPERATOR HELPER (malt liquors)
car-unloader helper
DUMPER (explosives)
LOWERATOR OPERATOR (linoleum)
922.887 ASPHALT-PLANT MAN (const.)
bunkerman
dust handler
dustman
screenman
BELTMAN (water trans.)
BINDER-AND-WRAPPER PACKER (tobacco)
BIN FILLER (tobacco)
bin packer
leaf binner
leaf tinner
BOARD LAYER (rubber goods)
BOAT-LOADER HELPER (water trans.)
dock helper
dockman helper
wharf helper
wharf-tender helper
Barge-Loader Helper (water trans.)
BULL-GANG MAN (tobacco)
load-out man
roller
roll-out man
storage man
Stickman (tobacco)
CAN FILLER (tobacco)

922.887 Con. CAR PINCHER (coke prod.)
car shifter
COAL BAGGER (ret. tr.)
ELECTRIC-HAND-TRANSPORTER OPERATOR (ammunition)
jeep-truck operator
HELPER CLEANER (mach. mfg.)
ICER (whole. tr.)
top icer
Box Icer (can. & preserv.)
Crate Icer (can. & preserv.)
Oyster Icer (can. & preserv.)
LABORATORY-SAMPLE CARRIER (any ind.)
messenger
raw sampler
sampleman
sampler
LABORER, HEADING (const.)
LABORER, STORES (any ind.)
stock boy
warehouseman
Cooler Man (dairy prod.) I
Order Filler (any ind.)
Produce Clerk (ret. tr.)
Tool Chaser (any ind.)
LAST PUTTER-AWAY (boot & shoe; rubber goods)
dead header
returner, lasts
LOADER (any ind.) I
car filler
tank-car loader
truck loader
Acid Loader (chem.)
Caustic Loader (chem.)
Fats and Oils Loader (soap)
LOADER HELPER (any ind.)
LOCKER-PLANT ATTENDANT (motor trans.; ret. tr.; whole. tr.)
LONGSHOREMAN (water trans.) II
stevedore
Dockman (water trans.) I
Frontman (water trans.)
Holdman (water trans.)
LUMBER HANDLER (woodworking)
lumber piler
lumber racker
lumber stacker
lumber sticker
shedman
Kiln Stacker (woodworking)
LUMBER-YARD MAN (woodworking)
utility man
Lumber Unloader (woodworking)
MATERIAL HAULER (const.)
laborer, material hauling
MOLDMAN (sports equip.)
pouring-room man
PICKLER HELPER (slaught. & meat pack.)
POWDER-FARM HELPER (ammunition)
PRIMING-MIXTURE CARRIER (ammunition)
PULLER (plan. mill.)
PLUMBER HELPER (slaught. & meat pack.)
passer-to-pumper
RETURNED-GOODS SORTER (textile)
SORTER (woodworking)
lumber puller
lumber sorter
puller
racker
separator
Racker (plan. mill)
TIMBER PACKER (sawmill)
WEASAND PILER (tobacco)
WOOL SACKER (agric.)
tromper
wool tamper
YARDMAN (ret. tr.; whole. tr.)
lumber handler

929. Packaging and Materials Handling Occupations, n.e.c.

This group includes occupations, not elsewhere classified, concerned with packaging and materials handling.

929.131 FOREMAN, SALVAGE (petrol. refin.)
reclamation foreman
salvage foreman

929.133 MATERIALS HANDLING FOREMAN (any ind.)
foreman, materials-handling
stock foreman
traffic foreman
warehouseman
YARD FOREMAN (paper & pulp; woodworking)
929.137 BULL-GANG FOREMAN (tobacco)
FOREMAN, EGG PROCESSING (whole. tr.)
egg-processing-plant supervisor
FOREMAN, ICE HOUSE (ice)
GENERAL-HANDLING FOREMAN (ore dress., smelt., & refin.)
YARDMAN (ret. tr.) I
yardman, building materials
yardman, lumber
929.138 POLEYARD FOREMAN (light, heat, & power)
SUGAR-REPROCESS OPERATOR, HEAD (sugar)
WAREHOUSE FOREMAN (any ind.)
YARD FOREMAN (ore dress., smelt., & refin.)
929.382 LOAD-TEST MECHANIC (aircraft mfg.)
proof-load test coordinator
Cable-Load Tester (aircraft mfg.)
929.387 OPERATOR, SCALES (plastics mat.)
PRESERVATION INSPECTOR, MARINE EQUIPMENT (gov. ser.)
equipment processor, storage
929.487 STOCK MIXER (felt goods; textile)
batcher
lay-out man
lot man
Wool Mixer (textile)
929.687 PICKER, BEAM PRESS OR CLICKER (rubber goods)
UPPER-LEATHER SORTER (boot & shoe)
leather grader
WRAPPER COUNTER (tobacco)
929.688 CAN INSPECTOR (tobacco)
929.782 CONVEYOR-LINE OPERATOR, AUTOMATIC (any ind.)
Console Operator (any ind.)
Palletizer Operator (any ind.) I
929.883 PAN-SEED ROUSTABOUT (sugar)
TRACTOR OPERATOR (any ind.)
Diesel-Tractor Operator (any ind.)
Gasoline-Tractor Operator (any ind.)
Lift-Scoop-Tractor Operator (any ind.)
LOGGING-TRACTOR OPERATOR (forestry; logging; sawmill)
Logging-Arch Operator (logging)
Log-Stacker Operator (logging; sawmill)
Skid-Grapple Operator (logging)
Steel-Spar Operator (logging)
Triple-Drum Operator (logging)
MARSH-BUGGY OPERATOR (const.)
MUSKEG OPERATOR (logging)
RUTTER MAN (logging) I
SNOWMOBILE DRIVER (any ind.)
Motor-Toboggan Operator (any ind.)
SPRINKLER MAN (logging)
YARDMAN (agric.) II
929.884 PACKER (ordnance)
929.885 BALING-MACHINE OPERATOR (any ind.)
baler operator
baling-press operator
press operator
scrap baler
scrap-room man
tie-out man
tie puller
waste baler
Cloth Baler (textile)
Corn-Husk Baler (corn prod.; grain & feed mill.)
Feather Baler (house furn.)
Hair Baler (leather mfg.)
Leather Baler (leather mfg.)
Metal Baler (any ind.)
Offal Baler (leather mfg.)
Paper Baler (paper goods)
Pillow Baler (house furn.)
Rag Baler (laund.)
Scrap Baler (iron & steel; nonfer. metal alloys)
Tobacco Baler (tobacco)
BUNDLER (print. & pub.)
folding-machine-operator helper
PRESSER (asbestos prod.)
baler

929.887 BOX-BRANDING-MACHINE OPERATOR (any ind.)
box brander
box burner
box-burner operator
COMPRESS OPERATOR (agric.)
compress engineer
high-density-press operator
press leverman
press operator
TYING-MACHINE OPERATOR (paper goods)
TYING-MACHINE OPERATOR (woodworking)
binder
bundler
wire-tier man
929.886 BAND-TABLE MAN (agric.)
band straightener
CARTON NESTER (tobacco)
carton catcher
CIGARETTE SALVAGER (tobacco)
returned-goods reworker
CONVEYOR LOADER (slaught. & meat pack.) II
Cooler-Conveyor Loader (slaught. & meat pack.)
CRAYON-SORTING-MACHINE FEEDER (pen & pencil)
FEED-IN MAN (grain & feed mill.) I
FILL-CHUTE OPERATOR (rubber goods)
dumper
opener
LABELED-CONTAINER-DRIER FEEDER (tobacco)
LABORER, BAKERY (bake. prod.)
belt-conveyor loader
biscuit packer
packer helper
weight checker
929.877 CHECK WEIGHER (sugar)
CIGAR-PACKER HELPER (tobacco)
cigar-box stacker
CLOTH-BOLT BANDER (textile)
backer and bander, cloth
folded-cloth taper
taper
Skein Bander (textile)
CUTTER, BANANA ROOM (whole. tr.)
DUMPER (any ind.)
bulk loader
rampman
Car Dumper (any ind.)
Grain Unloader (grain & feed mill.)
Spoutman (any ind.)
Winchman (any ind.)
FLOOR GIRL (chew. gum)
HOGSHEAD DUMPER (tobacco)
dumper
ICE-BOX MAN (whole. tr.)
LABORER, HIGH-DENSITY PRESS (agric.)
hoist man
LABORER, SALVAGE (any ind.)
disposal man
salvage man
trash collector
waste collector
wasteman
Broke Handler (paper & pulp)
Hogshead-Salvage Man (cooperage)
Incinerator Man (any ind.)
Lumber-Salvage Man (any ind.)
Metal Sorter (any ind.)
Rag Sorter (any ind.)
Sack Sorter (any ind.)
Scrap Sorter (any ind.)
MATERIAL HANDLER (any ind.)
conveyor feeder
distributor
floorman
loader and unloader
moveman
off-bearer
stacker
Bale Piler (textile)
Batch Trucker (rubber tire & tube)
Blunger Loader (pottery & porc.)
Bobbin Boy (hosiery; knit goods; textile)

929.887 Con.
Bridge-Crane Man, Hand (any ind.)
Car Loader (any ind.)
Cloth Hauler (textile)
Coal Passer (any ind.)
Compress Trucker (agric.)
Conveyor-Belt Loader (ret. tr.)
Conveyor Loader (any ind.)
Conveyor Unloader (any ind.)
Filling Hauler, Weaving (textile)
Kiln-Car Unloader (brick & tile)
Laborer, Yard (any ind.)
Loader (any ind.) II
Lugger (agric.)
Merchandise Carrier (any ind.)
Outside Trucker (any ind.)
Oven Stripper (any ind.)
Oven Unloader (any ind.)
Packaging-Machine-Supplies Distributor (tobacco)
Platform Man (any ind.)
Powder Trucker (ammunition; explosives)
Rack Carrier (paper goods)
Racker (any ind.)
Retort Loader (wood distil. & charc.)
Roving Stockman (textile)
Scrap Wheeler (mach. shop)
Segregator (agric.; whole. tr.)
Slab Picker (sawmill)
Sugar Trucker (corn prod.)
Take-Off Man (paper goods)
Tire Trucker (rubber tire & tube)
Trucker, Hand (any ind.)
Vehicle Unloader (any ind.)
Wrapping-Machine Catcher (any ind.)
MUNITIONS HANDLER (ammunition)
NUT-AND-BOLT ASSEMBLER (nut & bolt)
nutter-up
PAPER LINER (tobacco)
PAPER SPOOLER (const.)
RETURNED-CASE INSPECTOR (malt liquors)
ROLL-COVERER, BURLAP (textile)
burlapper
cloth-roll coverer, burlap
wrapper-and-bagger, sheeting
ROLLER-UP (textile)
dry-room helper
finisher
yarn roller
WOOL TIER (agric.)
YARD LABORER (whole. tr.)
Baler (whole. tr.)
Buncher (whole. tr.)
Christmas-Tree Grader (whole. tr.)
Tagger (whole. tr.)
Trimmer (whole. tr.)

93 OCCUPATIONS IN EXTRACTION OF MINERALS

This division includes occupations concerned with quarrying and with the extraction of minerals, such as coal, ores, crude petroleum, and natural gas. Includes crushing, screening, washing, flotation, and other processes of extracting materials at or near the mining site.

930. Boring, Drilling, Cutting, and Related Occupations

This group includes occupations concerned with drilling wells, undercutting coal seams, sawing and splitting virgin rock, and related activities involved with tapping water- or mineral-bearing formations, obtaining samples of subsurface strata, and loosening or removing materials, using handtools, and hydraulic, electric, or pneumatic power tools, cutting and drilling machines, and other devices.

930.130 TOOL PUSHER (petrol. production)
drilling foreman
drilling-tool foreman
lease foreman
superintendent, drilling
Tool Pusher, Shallow-Exploratory Drilling (petrol. production)
930.131 FIELD FOREMAN, OIL-WELL SERVICES (petrol. production)
930.188 TECHNICAL OPERATOR (petrol. production)
directional man
drilling inspector

930.188 Con. BOTTOM-HOLE-PRESSURE-RECORDING OPERATOR (petrol. production)
oil-well-bottom-hole-pressure-recording operator

930.280 CABLE DRILLER (petrol. production)
cable-tool driller
driller
well driller

930.281 CEMENTER, OIL WELL (petrol. production)
oil-well cementer
oil-well-tool operator

FISHING-TOOL TECHNICIAN, OIL WELL (petrol. production)
oil-well-fishing-tool operator

FORMATION-TESTING OPERATOR (petrol. production)
oil-well formation tester
testing-tool operator

930.287 OIL-PIPE INSPECTOR (petrol. production)
pipe inspector

930.381 SERVICE-UNIT OPERATOR, OIL WELL (petrol. production)
electric well service rigman
oil-well-sounding-device operator

930.782 ACIDIZER (petrol. production)
acid treater, oil well
oil-well acidizing treater
oil-well-service operator
Acidizer, Water Well (const.)

AUGERMAN (mining & quarrying)
carriage operator

CHURN-DRILL OPERATOR (mining & quarrying)
blast-hole driller
clipper-blast-drill operator
prospect-churn-drill operator
well-driller operator
Prospect-Drill Panner (mining & quarrying)

CORE-DRILL OPERATOR (any ind.)
shot-core-drill operator
test borer
test-hole driller
wash driller
Diamond Driller (any ind.)

DERRICKMAN (petrol. production)
rotary derrickman

DRILLER, MACHINE (any ind.)
driller operator
Rotary-Drill Operator (any ind.)
Tractor-Drill Operator (any ind.)
Wagon-Drill Operator (any ind.)

DRILLER, JET PIERCING (mining & quarrying)
jet channeler
jet-piercer operator

DRILLING-MACHINE OPERATOR (mining & quarrying)
joy driller

HYDRAULIC OPERATOR (mining & quarrying)
auger operator

PIPE TESTER (petrol. production)

PROSPECTING DRILLER (petrol. production)
core driller
driller
rotary driller, prospecting
shot-hole driller

ROTARY DRILLER (petrol. production)
core driller
driller
well driller
Rotary Driller, Marine Operations (petrol. production)

930.883 CHANNELING-MACHINE RUNNER (mining & quarrying)
channeler-machine operator
channeler runner
channeling-machine operator
channel-machine operator
channel-machine runner

CLEAN-OUT DRILLER (petrol. production)
clean-out man
fisherman
well cleaner
Bailer (petrol. production)
Swabber (petrol. production)

930.883 Con. CONTINUOUS-MINING-MACHINE OPERATOR (mining & quarrying)
Goodman-Borer Operator (mining & quarrying)
Joy-Ripper Operator (mining & quarrying)

CUTTER OPERATOR (mining & quarrying)
coal-cutting-machine operator
cutting-machine operator
machine man
undercutter
Entry-Driver Operator (mining & quarrying)

SIDE-SHEARING-MACHINE OPERATOR (salt production)

HARVESTER OPERATOR (salt production)

ROOF BOLTER (mining & quarrying)
bolting-machine operator
raise driller
stoperman
timberman

UNIVERSAL-CUTTING-MACHINE OPERATOR (mining & quarrying)
high-production operator

WELL PULLER (petrol. production)
casing puller
clutchman
pipe puller
pulling-machine operator
rig operator
rodman
tube puller
work-over rig operator
Hydraulic Oil-Tool Operator (petrol. production)

930.884 CASER (petrol. production)
casing-crew man

CEMENTER HELPER, OIL WELL (petrol. production)
oil-well-service-operator helper

CLEAN-OUT-DRILLER HELPER (petrol. production)
clean-out-man helper

DERRICKMAN HELPER (petrol. production)

DRILLER, HAND (any ind.) I
jumper

JACKHAMMER OPERATOR (mining & quarrying)
air-drill operator
air-hammer operator
plug-drill operator
Tripod-Drill Operator (mining & quarrying)

OIL-PIPE-INSPECTOR HELPER (petrol. production)
pipe-inspector helper

QUARRYMAN (mining & quarrying; stonework)
hammerman
ledgeman
plug-and-feather driller
rockman
rock splitter
Sandstone Splitter (mining & quarrying; stonework)

ROTARY-DRILLER HELPER (petrol. production)
driller helper
floorman
rotary helper
roughneck
Back-Up Man (petrol. production)
Cathead Man (petrol. production)
Lead-Tong Man (petrol. production)
Pipe Racker (petrol. production)

WELL-DRILL-OPERATOR HELPER, ROTARY DRILL (const.)

930.885 MUD-CLEANING-MACHINE OPERATOR (petrol. production)

MUD-PLANT OPERATOR (petrol. production)
mud-mixing-plant operator

930.886 CORE-DRILL-OPERATOR HELPER (any ind.)
drill-runner helper
shot-core-drill-operator helper
test-bore helper
wash-driller helper
Diamond-Driller Helper (any ind.)

CUTTER-OPERATOR HELPER (mining & quarrying)
back hand
cutting-machine helper

930.886 Con. machine helper

DRILLER HELPER (any ind.)
driller-operator helper

930.887 BOTTOM-HOLE-PRESSURE-RECORDING-OPERATOR HELPER (petrol. production)

BREAKER (mining & quarrying)
ledgeman

CORE SPLITTER (mining & quarrying)

POINT DRIVER (mining & quarrying)

931. Blasting Occupations

This group includes occupations concerned with preparation, placement, and detonation of explosives to shatter, dislodge, or move earth, coal, ore-bearing material, and stone in open pit or underground mines and quarries.

913.281 BLASTER (mining & quarrying)
chargeman
chargeman, blasting
demolition man
dobie man
dynamiter
firer
powderman
shooter
shot firer
shot lighter

931.381 SHOOTER (petrol. production)
nitro man
oil-well shooter
torpedo shooter
well shooter

SHOOTER, SEISMOGRAPH (petrol. production)
shot-hole shooter

931.781 SERVICEMAN, OIL WELL (petrol. production)
oil-well-electrical wall - sampling - device operator
rigman, electric well-services
sample-taker operator

931.782 PERFORATOR OPERATOR, OIL WELL (petrol. production)
gun perforator
oil-well gun-perforator operator

931.884 BLASTER, AIRDOX (mining & quarrying)
shooter, airdox
Blaster, Cardox (mining & quarrying)

DUMPER-BAILER OPERATOR (petrol. production)

GUN-PERFORATOR LOADER (petrol. production)

932. Loading and Conveying Operations

This group includes occupations concerned with moving workers, equipment, and extracted materials, using motor cars, chutes, hoists, elevators, conveyors, shovels, picks, and other devices.

932.132 BANK BOSS (mining & quarrying)

932.168 DISPATCHER (mining & quarrying)
car distributor
haulage boss
motor boss
passing boss
traffic man
turn keeper

932.883 CAR DROPPER (mining & quarrying)
car pincher
car runner
spragger

HOIST OPERATOR (petrol. production)
winch operator

LOADING-MACHINE OPERATOR (mining & quarrying)
joy-loader operator
loader, machine

MECHANICAL-SHOVEL OPERATOR (mining & quarrying)
loader operator
mucking-machine man
shovel operator

SHUTTLE-CAR OPERATOR (mining & quarrying)

932.884 BRAKEMAN (any ind.)
brake holder
car rider
conducter
coupler
dukey rider
gang rider
motorman helper
nipper

932.884 Con.
patcher
rider
rope conductor
rope rider
set rider
snapper
swamper
switchman
tail-end rider
trailer
train conductor
trainman
trip rider
tub rider
Dinkey-Operator Helper (any ind.)

932.885 AERIAL-TRAM OPERATOR (mining & quarrying)

932.887 BOTTOMER (mining & quarrying) I
bottom man
bottom slopeman
footman
foot tender
CHUTE LOADER (mining & quarrying)
loader
railroad-car loader
Battery Starter (mining & quarrying)
HEADMAN (mining & quarrying) II
head tender
top slopeman
LOADING-SHOVEL OILER (mining & quarrying)
benchman
oiler
SCRAPER-LOADER-OPERATOR HELPER (mining & quarrying)
mucker tender

933. **Crushing Occupations**
This group includes occupations concerned with reducing bulky materials to convenient sizes, using sledge hammers and crushing machines.

933.884 CRUSHER SETTER (mining & quarrying)

933.887 COBBER (mining & quarrying)

934. **Screening and Related Occupations**
This group includes occupations concerned with cleaning, separating, and sizing coal, ore, stone, and related materials, using gravity and centrifugal separators, vibrating screens, and related equipment.

934.885 CONE OPERATOR (mining & quarrying)
cone tender
FLOATER (mining & quarrying)
JIG RUNNER (mining & quarrying)
jigman
jig tender
SHAKER TENDER (mining & quarrying)
screenman
SPIRAL RUNNER (mining & quarrying)

934.887 CLEANER (mining & quarrying) I
FOOTMAN (salt production)
GRIZZLY WORKER (mining & quarrying; ore dress., smelt., & refin.)
chute blaster
chute tapper
drawman
pluggerman
sorter

939. **Occupations in Extraction of Minerals, n.e.c.**
This group includes occupations, not elsewhere classified, concerned with extraction of minerals.

939.130 FOREMAN, POND (salt production)

939.131 FOREMAN, PRODUCTION (petrol. production)
lease foreman
production foreman
QUARRY FOREMAN (graphite)
WELL PULLER, HEAD (petrol. production)
head well-puller

939.132 DREDGEMASTER (mining & quarrying)
dredgeman

939.138 CHIEF DISPATCHER (petrol. production)
PIT FOREMAN (mining & quarrying)
dimension-quarry foreman
strip-mine foreman
SECTION FOREMAN (mining & quarrying)
face foreman
machine boss
mine captain
muck boss

939.138 Con.
rock foreman
room boss
shift boss
Specimen Boss (mining & quarrying)

939.168 CONTROL MAN (mining & quarrying)
ore grader
quality control man

939.281 MINER (mining & quarrying) I
Drift Miner (mining & quarrying)
Entry Man (mining & quarrying)
Miner, Pick (mining & quarrying)
Pillar Robber (mining & quarrying)
Raise Miner (mining & quarrying)
Shaft Sinker (mining & quarrying)
Stope Miner (mining & quarrying)
Tunnel Man (mining & quarrying)
ROCK CONTRACTOR (mining & quarrying)

939.368 DISPATCHER, OIL WELL SERVICES (petrol. production)

939.381 TIMBERMAN (mining & quarrying) I
timber framer

939.387 COAL INSPECTOR (mining & quarrying) I
tipple inspector
Courthouse Inspector (mining & quarrying)
DOWSER (bus. ser.)
diviner
water witch
FIRE BOSS (mining & quarrying)
examiner
fire-watch miner
gasman
mine examiner
mine patrolman

939.782 DRY-PLACER-MACHINE OPERATOR (mining & quarrying)
FORMATION-FRACTURING OPERATOR (petrol. production)
hydrafrac operator
oil-well-service operator
PANEL-BOARD OPERATOR (mining & quarrying; ore dress., smelt., & refin.)
additive-plant operator
conveyor attendant
crusher operator
grinding-mill operator
mill attendant
wash-box operator
PNEUMATIC-JACK OPERATOR (petrol. production)
De Long jack operator
PUMPER, HEAD (petrol. production)
field operator
SECTION-PLOTTER OPERATOR (petrol. production) I

939.883 OBSERVER HELPER, GRAVITY PROSPECTING (petrol. production)
gravity-prospecting-operator helper
recorder helper, gravity prospecting

939.884 ACIDIZER HELPER (petrol. production)
acid-treater assistant, oil well
oil-well acidizing-treater assistant
oil-well-service-operator helper
FORMATION-FRACTURING-OPERATOR HELPER (petrol. production)
hydrafrac-operator helper
oil-well-service-operator helper
LAMPMAN (mining & quarrying)
battery charger
safety-lamp keeper
MINER, PLACER (mining & quarrying)
sluice tender
Nozzleman (mining & quarrying)
Placer Miner, Hydraulic (mining & quarrying)
OBSERVER HELPER, SEISMIC PROSPECTING (petrol. production)
observer helper
recorder helper, seismograph
seismograph-operator helper
Prospecting-Driller Helper (petrol. production)
Shooter Helper, Seismograph (petrol. production)
SHOREMAN, DREDGE OR BARGE (mining & quarrying)

939.887 CAGER (mining & quarrying)
cageman
lander
skip tender
Bottomer (mining & quarrying) II
Footman (mining & quarrying) I
Headman (mining & quarrying) I
Top Cager (mining & quarrying)
CAR CLEANER (mining & quarrying)
pit-car cleaner
railroad-car cleaner
COMPANY LABORER (mining & quarrying)
cleaner
company man
digger
laborer, mine
scraper
wasteman
Car Salter (mining & quarrying)
Loader (mining & quarrying) I
Mucker (mining & quarrying) I
Shoveler (mining & quarrying)
Stripper (mining & quarrying)
Trimmer (mining & quarrying)
LABORER (petrol. production)
roustabout
LATRINE CLEANER (mining & quarrying)
sanitary man
QUARRY WORKER (mining & quarrying)
Box Loader (mining & quarrying)
Mucker (mining & quarrying) I
ROCK-DUST MAN (mining & quarrying)
SAMPLE WASHER (petrol. production)
SAND DRIER (mining & quarrying)
sandman
SANDMAN (mining & quarrying) I
SPRINKLER (mining & quarrying)
TIMBERMAN HELPER (mining & quarrying)

94 **OCCUPATIONS IN LOGGING**
This division includes occupations concerned with cutting trees in forest areas; installing overhead and ground-level log-moving equipment; evaluation and removal of logs from forest to storage or transportation areas; and related activities, involving operation of chain saws and log-moving machinery and equipment, and such devices as hooks, slings, and poles for manually securing or moving logs.

940. **Timber Cutting and Related Occupations**
This group includes occupations concerned with marking and felling timber, sawing and trimming logs, and related activities, using axes, crosscut saws, and pneumatic- or gasoline-powered saws.

940.137 BUCKER, HEAD (logging)
bull bucker
saw boss
timber foreman
Chopper, Head (logging)
WOOD BOSS (wood distil. & charc.)
woods overseer

940.384 TIMBER MARKER (forestry; logging)
lay-tree marker
marker
tree marker

940.687 BARK FITTER (logging)
fitter preparer
ringer

940.884 BUCKER (logging)
crosscutter
log maker
power-saw man
CORDWOOD CUTTER (logging)
pulpwood cutter
wood chopper
FALLER (logging)
chopper
cutter
lumber faller
timber cutter
tree faller
Faller, Second (logging)
LIMBER (logging)
brusher
brutter
knot bumper

940.884 LOGGER, ALL-ROUND (logging)
Con. all-round man
stock cutter
POLE AND PILING CUTTER (logging)
RIVER (logging; sawmill)
froeman
picket maker
pole sawyer
timber splitter
Shaker Splitter (logging; sawmill)
Shingle-Bolt Cutter (logging; sawmill)
Stave-Block Splitter (logging)
940.887 CEDAR-POST CUTTER (agric.)
PIECE MAKER (logging)
piece cutter
pulpwood cutter
POST CUTTER (agric.)

941. Log Inspecting, Grading, Scaling, and Related Occupations

This group includes occupations concerned with ascertaining volume and condition of logs and assigning values, using rods, rulers, tapes, and other measuring devices.

941.387 LOG GRADER (logging; sawmill)
log marker
941.487 SCALER, WOOD (paper & pulp)
demurrage man
measureman
wood scaler
941.488 LOG SCALER (logging; paper & pulp; sawmill)
lumber scaler
pulpwood scaler
Deck Scaler (sawmill)
Landing Scaler (logging)
Pond Scaler (paper & pulp; sawmill)
941.684 BOOM MAN (logging)
catchman
log sorter
941.687 PICKER (excelsior)
TIE INSPECTOR (sawmill)
941.887 LOG BRANDER (logging)
marker

942. Log Sorting, Gathering, Storing, and Related Occupations

This group includes occupations concerned with collecting, loading, moving, piling, stacking, and related activities, using donkey engines, tractors, rafts, sleds, cables, hooks, chains, and other devices.

942.137 BOOM FOREMAN (logging; water trans.)
boom man, head
942.387 LOG MARKER (logging)
scaler
942.687 PULP PILER (logging)
pulp roller
942.782 DONKEY ENGINEER (logging)
cable operator
donkey puncher
leverman
Pullboat Engineer (logging)
Skidder Leverman (logging)
Yarder Engineer (logging)
JAMMER OPERATOR (logging)
hoister
942.883 LOG-LOADER OPERATOR (logging)
WINCH-TRUCK OPERATOR (logging)
942.884 LOG DRIVER (logging)
driver
river driver
riverman
RAFTER (logging)
raftsman
BOTTOM MAKER (logging)
RIGGER, SECOND (logging)
groundman
rigger, extra
rigger helper
RIGGING SLINGER (logging)
942.887 BOLT LOADER (sawmill)
car loader
CHASER (logging)
block tender
landing man
Cat Chaser (logging)
CHOKERMAN (logging)
choke setter
Tongs Hooker (logging)
DECKMAN (logging)
942.887 JAMMER (logging)
Con. LOADER, HEAD (logging)
loader, first
LOG-HAUL OPERATOR (sawmill)
LOG LOADER (logging)
PEELER (logging; sawmill; veneer & plywood)
bark peeler
log peeler
rosser
spudder
PLUG SETTER (logging)
SIDE-LINE MAN (logging)
SLED TENDER (logging)
chain tender
frogger
trailer
zoogler

949. Occupations in Logging, n.e.c.

This group includes occupations, not elsewhere classified, concerned with logging.

949.131 HOOK TENDER (logging)
choker, head
choker-hooker, head
skidder hooker
yard boss
949.137 BUCK SWAMPER (logging)
swamper foreman
FOREMAN, LOGGING (logging)
logging foreman
River Boss (logging)
Side Boss (logging)
949.138 TIMBER BOSS (logging)
walking boss
949.228 INSTRUCTOR, LOGGING (logging)
cut instructor
logger instructor
949.387 HORSE INSPECTOR (logging)
949.781 HIGH CLIMBER (logging)
climber
high rigger
rigger
squirrel man
topper
949.868 WHISTLE PUNK (logging)
flagman
lookout
signalman
949.883 THIRD LOADER (logging)
949.884 SECOND LOADER (logging)
log stower
sky hooker
top loader
949.886 STICKERMAN (sawmill)
stickman
949.887 BUSH MONKEY (logging)
GATE TENDER (logging)
HEWER (logging)
timber hewer
Skid Adzer (logging)
Stull Hewer (logging)
Tie Hewer (logging)
Tie Maker (logging)
RIGGER, THIRD (logging)
rigger helper
ROAD MAKER (logging)
roadman
SWAMPER (logging)
beaver
bush cutter
gutterman
path cutter
right-of-way man
road cutter
run cutter
trail cutter
Slash Burner (logging)
Slash Piler (logging)

95 OCCUPATIONS IN PRODUCTION AND DISTRIBUTION OF UTILITIES

This division includes occupations concerned with generation, transmission, and distribution of electricity; generation and distribution of steam for heat and power, including marine propulsion; generation of utility gas, and storage and distribution of natural and manufactured gas for power, illumination, or heating purposes; filtration, purification, and distribution of water for domestic, commerical, or industrial consumption; and collection, treatment, and disposal of sewage and refuse.

950. Stationary Engineers

This group includes occupations concerned with operation and maintenance of engines, turbines, air compressors, generators, motors, boilers, and auxiliaries to supply light, heat, refrigeration, ventilation, air conditioning, and mechanical or electrical power for buildings, industrial plants, and mining or oil field operations.

950.131 REFRIGERATING ENGINEER, HEAD (any ind.)
refrigeration operator, head
STATIONARY-ENGINEER FOREMAN (any ind.)
boilerhouse foreman
station supervisor
steam-station foreman
watch engineer
950.132 REFRIGERATION FOREMAN (any ind.)
operating-engineer foreman
950.168 LOAD DISPATCHER (light, heat, & power)
dispatcher, electric power
power dispatcher
system dispatcher
system operator
Load Dispatcher, Local (light, heat, & power)
950.782 COMPRESSOR ENGINEER, CAISSON (const.)
compressor operator
hydraulic-machine operator
ENGINEMAN (any ind.)
operating engineer
MILL ENGINEER (iron & steel)
engineer, blooming mill
roll engineer
steam-control operator
REEFER ENGINEER (water trans.)
ROTARY-RIG ENGINEMAN (petrol. production)
diesel- or- gas-engine engineer
engineman
gas- or-diesel-engine engineer
STATIONARY ENGINEER (any ind.)
maintenance engineer
operating engineer
powerman
power-plant operator
stationary-engine man
watch engineer
Acid-Concentration-Plant-Equipment Engineer (any ind.)
Air-Compressor-Station Engineer (any ind.)
Water-Pumping-Station Engineer (any ind.)
BOILER OPERATOR (any ind.) II
boilerhouse operator
boiler-room board man
control-room operator
fireman, boiler
steam-power-plant operator
DIESEL-ENGINE OPERATOR, STATIONARY (any ind.)
compressor operator
ENGINEER, EXHAUSTER (coke prod.)
byproduct engineer
engineer, byproduct
GAS-COMPRESSOR OPERATOR (any ind.)
gas-lift engineer
Butadiene-Compressor Operator (chem.)
Butane-Compressor Operator (petrol. refin.)
Compressor-Station Engineer (pipe lines)
Ethylene-Compressor Operator (chem.)
GAS-ENGINE OPERATOR (any ind.)
Gas-Engine Operator, Generators (any ind.)
Gas-Engine Operator, Compressors (any ind.)
REFRIGERATING ENGINEER (any ind.)
cooling-system operator
operating engineer
stationary engineer, refrigeration
STATIONARY-ENGINEER APPRENTICE (any ind.)
operating-engineer apprentice, stationary
power-plant-operator apprentice

950.885 AIR-COMPRESSOR OPERATOR (any ind.)
compression man
compressor engineer
compressor operator
Air-Compressor Operator, Stationary (any ind.)
Compressor Operator, Portable (any ind.)
BOILER-ROOM HELPER (any ind.) I
boiler-operator helper
oiler
powerhouse oiler
HUMIDIFIER ATTENDANT (textile; tobacco)
drosophere man
humidifier-maintenance man
humid-system operator
VENTILATION MAN (any ind.)
air-control man
blower-room attendant
exhaust man
fanman
heating-and-ventilating man
scrubber-system attendant
ventilation mechanic

951. **Fireman and Related Occupations**
This group includes occupations concerned with firing coal-, gas-, or oil-fueled boilers and furnaces, and tending auxiliary equipment to supply steam or hot air. Includes marine firemen. Process firemen are included in Category 5; locomotive firemen in Group 910; and firemen, fire department in Group 373.

951.885 COAL-SUBSTATION ATTENDANT (any ind.)
FIREMAN, HIGH PRESSURE (any ind.)
boilerman
boiler operator
boiler tender
fireman
fireman, boiler
stoker
Fireman, Automatic Stoker (any ind.)
Fireman, Locomotive Crane (any ind.)
Fireman, Pile Driver (const.)
Fireman, Portable Boiler (any ind.)
Fireman, Powerhouse (any ind.)
Fireman, Stationary Boiler (any ind.)
Fireman, Steam Shovel (any ind.)
FIREMAN, LOW PRESSURE (any ind.)
boiler operator
FIREMAN, MARINE (water trans.)
Fireman-Watertender (water trans.)
951.886 FUEL-HOUSE MAN (sawmill)
fuel-house tender

952. **Occupations in Generation, Transmission, and Distribution of Electric Light and Power**
This group includes occupations concerned with controlling equipment in powerplants utilizing fossil fuels, hydraulic power, and atomic energy; monitoring and controlling equipment in manned or remote-controlled substations and standby generating plants; and related activities concerned with generation, transmission, and distribution of electricity for utilization by domestic, commercial, and industrial consumers.

952.131 RECTIFIER SHIFT LEADER (light, heat, & power)
SUBSTATION OPERATOR, CHIEF (light, heat, & power)
952.138 CHIEF LOAD DISPATCHER (light, heat, & power)
chief dispatcher
system operator, chief
HYDROELECTRIC-STATION OPERATOR, CHIEF (light, heat, & power)
production superintendent, hydro
SUPERINTENDENT, LOCAL (light, heat, & power)
distribution district foreman
TURBINE OPERATOR, HEAD (light, heat, & power)
952.168 DISPATCHER, SERVICE OR WORK (light, heat, & power)
service dispatcher
trouble dispatcher
trouble foreman
952.281 SUBSTATION INSPECTOR (light, heat, & power)
Substation Inspector, Automatic (light, heat, & power)
952.380 POWER-REACTOR OPERATOR (light, heat, & power)
reactor operator
952.387 LOAD CHECKER (light, heat, & power)
demand inspector
POWERHOUSE RUNNER (light, heat, & power)
generating-substation-operator assistant
power-plant floorman
switchboard-operator helper
Substation-Operator Helper, Generation (light, heat, & power)
952.388 FIELD RECORDER (light, heat, & power)
field clerk
952.588 TURBINE ATTENDANT (light, heat, & power)
952.781 SWITCH INSPECTOR (light, heat, & power)
952.782 AUXILIARY-EQUIPMENT OPERATOR (light, heat, & power)
pump-room operator
DIESEL-PLANT OPERATOR (light, heat, & power)
FEEDER-SWITCHBOARD OPERATOR (light, heat, & power)
HYDROELECTRIC-STATION OPERATOR (light, heat, & power)
POWERMAN (tel. & tel.) I
telephone-plant powerman
POWER-PLANT ATTENDANT (radio & tv broad.)
maintenance engineer
maintenance technician
POWER-PLANT OPERATOR (any ind.) I
power engineer
powerhouse engineer
powerman
power-plant engineer
RECTIFIER OPERATOR (light, heat, & power)
SUBSTATION OPERATOR (light, heat, & power)
power-switchboard operator
receiving-distribution-station operator
Substation Operator, Automatic (light, heat, & power)
Substation Operator, Conversion (light, heat, & power)
Substation Operator, Distribution light, heat, & power; r. r. trans.)
Substation Operator, Generation (light, heat, & power)
Substation Operator, Transforming (light, heat, & power)
SUBSTATION-OPERATOR APPRENTICE (light, heat, & power)
SWITCHBOARD OPERATOR (chem.)
power-house attendant
Motor-Generator-Set Operator (chem.)
Rectifier Operator (chem.)
SWITCHBOARD OPERATOR (light, heat, & power)
generator-switchboard operator
switchboard man
SWITCHBOARD OPERATOR, ENGINE TEST (engine & turbine)
TURBINE OPERATOR (light, heat, & power)
turbogenerator operator
TURBINE-AND-ENGINE OPERATOR (light, heat, & power)
952.884 CABLE-MAINTENANCE MAN (light, heat, & power)
TROUBLE MAN (light, heat, & power) I
952.885 LABORER, POWERHOUSE (light, heat, & power)
952.887 COAL SAMPLER (light, heat, & power)
FLOORMAN, DISTRIBUTION SUBSTATION (light, heat, & power)
HYDROELECTRIC-PLANT MAINTENANCE MAN (light, heat, & power)
general utility man
rack man
LABORER, ELECTRIC POWER AND TRANSMISSION LINE (const.; light, heat, & power)
STREET-LIGHT MAN (light, heat, & power)
arc trimmer
boulevard-glassware cleaner
boulevard-glassware replacer
carbon-lamp cleaner
lamp cleaner, street light
street-light changer-and-renewer
street-light inspector

953. **Occupations in Production and Distribution of Gas**
This group includes occupations concerned with monitoring and controlling equipment to regulate volume and pressure of gas in city mains and distribution lines; generate producer gas; purify, liquefy, store, and regasify gas; and mix natural and producer gas.

953.137 GAS-PUMPING-STATION FOREMAN (light, heat, & power)
953.138 PRESSURE FOREMAN (light, heat, & power)
pressure-control supervisor
regulation foreman
SERVICE FOREMAN (light, heat, & power) I
complaint foreman
superintendent, service
Industrial-Gas-Serviceman Foreman (light, heat, & power)
953.168 GAS DISPATCHER (light, heat, & power; petrol. production; petrol. refin.; pipe lines)
load dispatcher
953.281 FIELD-MECHANICAL-METER TESTER (light, heat, & power; petrol. refin.; pipe lines)
mechanical meter tester
meter inspector
953.287 STREET-OPENINGS INSPECTOR (light, heat, & power)
public improvement inspector
953.380 GAS-PLANT OPERATOR (light, heat, & power)
WATER-GAS MAKER (light, heat, & power)
blue-gas maker
gas maker, blue gas
water-gas-generator operator
WATER-GAS MAKER, CARBURETED (light, heat, & power)
gas maker, carbureted water
953.387 CYLINDER INSPECTOR-AND-TESTER (comp. & liquified gases)
cylinder tester
gas-cylinder inspector
hydrostatic tester
Ton-Cylinder Inspector (comp. & liquified gases)
GAS-METER CHECKER (light, heat, & power)
meter-and-service-line inspector
service-line-and-meter inspector
HOUSE-PIPING INSPECTOR (light, heat, & power)
UTILITY INSPECTOR (light, heat, & power)
953.684 ODORIZATION MAN (light, heat, & power)
gas quality man
953.782 FUEL ATTENDANT (any ind.)
GAS-PRODUCER MAN (any ind.)
gas maker
gasman
gas-operator producer
gas-producing operator
producer man
GAS-PUMPING-STATION OPERATOR (light, heat, & power)
booster operator
booster-station operator
compressor-house operator
engineer, booster and exhauster
engineer, gas-pumping station
gas-booster engineer
gas-substation operator
LIQUEFACTION-AND-REGASIFICATION-PLANT OPERATOR (light, heat, & power)
regasification-and-liquefaction-plant operator
PRESSURE MAN (light, heat, & power)
pressure-control man
PUMPMAN, GAS PLANT (light, heat, & power)
953.883 DRIP PUMPER (light, heat, & power; pipe lines)
953.884 GAS FITTER, PRESSURE (light, heat, & power)
GAS-METER INSTALLER (light, heat, & power)
gas fitter
meter installer
on-and-off man
GAS-METER-INSTALLER APPRENTICE (light, heat, & power)
meterman apprentice
953.886 LABORER, GAS PLANT (light, heat, & power)
water-gas-maker helper
953.887 TURN-OFF-AND-TURN-ON MAN (light, heat, & power)
meterman

954. **Occupations in Filtration, Purification, and Distribution of Water**

This group includes occupations concerned with controlling treatment plant equipment to purify and clarify water, and to transfer, distribute, and regulate pressure and flow of water; controlling equipment to convey water in irrigation systems; and controlling gates and valves in aqueducts and dams to supply waterpower.

954.130 FOREMAN, PUMPING STATION (waterworks)
pumping-station foreman
water-plant-pump-operator foreman

954.368 WATER-SERVICE DISPATCHER (waterworks)

954.782 DITCH RIDER (waterworks)
canal tender
ditch tender
water tender

PUMP-STATION OPERATOR, WATERWORKS (waterworks)
pumping-plant operator
pump operator
water-plant-pump operator

WATERSHED TENDER (waterworks)
aqueduct-and-reservoir keeper
dam tender
needle-valve operator
reservoir caretaker

WATER-TREATMENT-PLANT OPERATOR (waterworks)
filter operator
purifying-plant operator
water-control-station engineer
water filterer
water purifier

SEWAGE-PLANT OPERATOR (any ind.)

WATER-SERVICE SUPERVISOR (any ind.)
filter-unit operator
water-purification operator
water-supply operator

954.884 TURN-OFF-AND-TURN-ON MAN (waterworks)
service representative

WATER-METER INSTALLER (waterworks)

954.885 BASIN OPERATOR (waterworks)

RIVER-PUMP ATTENDANT (waterworks)

954.887 FILTER-BED PLACER (const.)
laborer, filter bed

WATER-FILTER CLEANER (waterworks)
laborer, filter plant
sand-cleaning-machine operator
water-filterer helper

955. **Occupations in Disposal of Refuse and Sewage**

This group includes occupations concerned with equipment to regulate flow of sewage waste and sludge through pumps, conveyors, blowers, chlorinators, vacuum filters, and other decontaminating equipment; controlling equipment to burn garbage, refuse, and sludge cake; collecting garbage and refuse from homes and business establishments; and such related activities as street cleaning and snow removal.

955.130 INCINERATOR FOREMAN (sanitary ser.)

SENIOR-SEWAGE-PLANT OPERATOR (sanitary ser.)

955.138 SNOW-REMOVING FOREMAN (gov. ser.)

955.782 CLARIFYING-PLANT OPERATOR (textile)

INCINERATOR OPERATOR (sanitary ser.)

SEWAGE-PLANT OPERATOR (sanitary ser.)
disposal-plant operator
utilities operator

Activated-Sludge Operator (sanitary ser.)

Grit-Removal Operator (sanitary ser.)

Pump-and-Blower Operator (sanitary ser.)

Sludge-Control Operator (sanitary ser.)

Sludge-Filtration Operator (sanitary ser.)

955.883 WASTE-DISPOSAL MAN (any ind.)

955.884 INCINERATOR-PLANT ATTENDANT (sanitary ser.)
knockdown man

955.885 SEWAGE-PLANT ATTENDANT (sanitary ser.)

Activated-Sludge Attendant (sanitary ser.)

Grit-Station Attendant (sanitary ser.)

Pump-and-Blower Attendant (sanitary ser.)

955.885 Con. Sludge-Control Attendant (sanitary ser.)

Sludge-Filtration Attendant (sanitary ser.)

955.887 SEWAGE-DISPOSAL WORKER (sanitary ser.)

Catch-Basin Cleaner (sanitary ser.)

SNOW SHOVELER (gov. ser.)
snow remover

STREET CLEANER (gov. ser.)
street sweeper

UTILITY MAN (gov. ser.)

956. **Occupations in Distribution of Steam**

This group includes occupations concerned with maintenance and servicing of steam distribution systems.

956.287 INSPECTOR, CHIEF (light, heat, & power)

956.387 BUILDING-EQUIPMENT INSPECTOR (light, heat, & power)

957. **Occupations in Transmission of Communications, n.e.c.**

This group includes occupations, not elsewhere classified, concerned with furnishing aural or visual point-to-point communications by either wire or radio.

957.138 CONTROL-ROOM-TECHNICIAN SUPERVISOR (radio & tv broad.)

957.168 DISPATCHER (tel. & tel.) I
cable dispatcher

957.282 AUDIO OPERATOR (radio & tv broad.)
audio engineer
audio technician
sound engineer
studio engineer, audio control

Field Engineer (radio & tv broad.)

CONTROL-ROOM TECHNICIAN (radio & tv broad.)

MASTER-CONTROL ENGINEER (radio & tv broad.)

TRANSMITTER OPERATOR (radio & tv broad.)
transmitter engineer

VIDEO OPERATOR (radio & tv broad.)
camera-control operator
color-television-console monitor
video engineer

957.368 ASSIGNMENT CLERK (tel. & tel.)
cable-transfer clerk
plant assigner
service-order assigner

957.382 CONTROL-ROOM MAN (radio & tv broad.)
control operator
master-control operator
master-control supervisor
switch-bank-desk operator

TELECINE OPERATOR (radio & tv broad.)

957.388 PROGRAM-TRANSMISSION SUPERVISOR (radio & tv broad.)
traffic clerk
traffic man
traffic supervisor

959. **Occupations in Production and Distribution of Utilities, n.e.c.**

This group includes occupations, not elsewhere classified, concerned with power generation, utilities, and sanitation.

959.131 HEATING-PLANT SUPERINTENDANT (any ind.)
chief engineer
general foreman

959.138 DISPATCHER, CHIEF, SERVICE OR WORK (light, heat, & power)

DISPATCHER, SERVICE, CHIEF (light, heat, & power)
service-order dispatcher, chief

ORDER DISPATCHER, CHIEF (light, heat, & power)

959.168 DISPATCHER, SERVICE (light, heat, & power)
schedule clerk
service dispatcher
trouble dispatcher

Telegraphic-Service Dispatcher (tel. & tel.)

959.381 COMPLAINT MAN (light, heat, & power) I
customer-service representative
field inspector
special-gas-and-electric service investigator

959.387 FACILITYMAN (tel. & tel.)

PATROLMAN (light, heat, & power)

959.884 POLE FRAMER (light, heat, & power; tel. & tel.; wood preserving)
line-and-frame poleman

TREE TRIMMER (light, heat, & power; tel. & tel.)
tree trimmer, line clearance
tree-trimming-line technician

959.887 TREE TRIMMER, GROUNDMAN (light, heat, & power; tel. & tel.)
groundman, tree trimming

96 **AMUSEMENT, RECREATION, AND MOTION PICTURE OCCUPATIONS, N.E.C.**

This division includes occupations, not elsewhere classified, concerned with projecting images on screens; reproducing sound; posing for painters and photographers, and standing-in for actors and actresses; erecting, raising, and lowering scenery and positioning microphones and other equipment on sets and stages; creating sound effects; monitoring and controlling equipment in radio and television broadcasting studios to regulate sound and picture quality; adjusting lights; supplying properties; and preparing ice for skating rinks.

960. **Motion Picture Projectionists**

This group includes occupations concerned with operating motion picture projections, sound-reproducing, and related equipment to produce balanced and coordinated motion-picture entertainment.

960.382 MOTION-PICTURE PROJECTIONIST (amuse. & rec.; motion pic.)
cinematographer
projectionist
theater projectionist

SCREEN EXAMINER (motion pic.)
motion-picture inspector
release inspector

961. **Models and Stand-Ins, n.e.c.**

This group includes occupations, not elsewhere classified, concerned with posing for painters and photographers; and standing-in for actors and actresses. Fashion models in garment industry, and in retail and wholesale trade are included in Group 297.

961.868 DOUBLE (amuse. & rec.)

Photographic Double (amuse. & rec.)

Riding Double (amuse. & rec.)

MODEL, ARTISTS' (any ind.)

MODEL, PHOTOGRAPHERS' (any ind.)

STAND-IN (motion pic.)

962. **Occupations in Production of Motion Pictures, n.e.c.**

This group includes occupations, not elsewhere classified, concerned with erecting, raising, and lowering scenery, and positioning microphones and other equipment on sets and outdoor locations; adjusting and controlling lighting to achieve desired camera effects; creating sound effects; and supply properties in production of motion pictures.

962.131 SET ELECTRICIAN, CHIEF (motion pic.)
electrician, illuminating
gaffer
set boss

SHOP FOREMAN (motion pic.)
Carpenter Foreman, Stage (motion pic.)
Draper Foreman (motion pic.)
Greensman Foreman (motion pic.)
Prop-Maker Foreman (motion pic.)
Special-Effects Foreman (motion pic.)
Upholsterer Foreman (motion pic.)

962.137 GRIP BOSS (motion pic.)
grip foreman

962.138 PROPERTY MASTER (motion pic.)

RECORDIST, CHIEF (motion pic.)
operative supervisor

STAGE-PROPERTY FOREMAN (motion pic.)
property foreman

SUPERVISING FILM EDITOR (motion pic.; radio & tv broad.)
Editor, Film, News Reel (motion pic.; radio & tv broad.)

962.158 OUTSIDE-PROPERTY MAN (motion pic.)
buyer
renter

962.158 SHOPPER (motion pic.)
962.281 SPECIAL-EFFECTS MAN (motion pic.)
962.288 EDITOR, FILM (motion pic.)
cutter
962.381 LIGHT TECHNICIAN (radio & tv broad.)
light-direction engineer
lighting technician
SET ELECTRICIAN, CHIEF, ASSISTANT (motion pic.)
best boy
illuminating technician
962.781 DRAPER (motion pic.)
962.782 OPERATOR, LIGHTS (motion pic.)
juicer
lamp operator
RECORDIST (motion pic.)
Disk Recordist (motion pic.)
Film Recordist (motion pic.)
962.884 AGER (motion pic.)
burner
FILM SPLICER (motion pic.)
film assembler
film joiner
FOREIGN-TITLE BREAKER (motion pic.)
title spotter
GREENSMAN (motion pic.)
MICROPHONE-BOOM OPERATOR (motion pic.)
boom man
boom operator
MOTORMAN (motion pic.)
TRANSMISSION MAN (motion pic.)
sound-installation man
962.885 DUBBING-MACHINE OPERATOR (motion pic.)
FILM INSPECTOR (motion pic.) II
film technician
962.887 FILM LOADER (motion pic.)
PROPERTY HANDLER (motion pic.; radio & tv broad.)
floorman, stage
grip
RIGGER (motion pic.)
PROPERTY MAN (motion pic.)
property handler
Electrical Propman (motion pic.)
Flower Man (motion pic.)
Furniture Handler (motion pic.)
Hand Propman (motion pic.)
STAGE MAN (motion pic.)
STAND-BY GRIP (motion pic.)
SWING-GANG WORKER (motion pic.)

963. Occupations in Radio and Television Production, n.e.c.

This group includes occupations, not elsewhere classified, concerned with erecting, raising, and lowering scenery and positioning microphones and other equipment on sets and stages; adjusting and controlling lighting to achieve desired camera effects; monitoring and controlling equipment in radio and television studios to regulate sound and picture quality; creating sound effects; and supplying properties in radio and television production.

963.168 DIRECTOR, TECHNICAL (radio & tv broad.)
switching operator
PRODUCTION MAN (radio & tv broad.)
PROGRAM ASSISTANT (radio & tv broad.)
associate director
production assistant
SPECIAL-EVENTS MAN (radio & tv broad.)
963.288 COPYRIGHT EXPERT (radio & tv broad.)
copyright clerk
SCRIPT READER (radio & tv broad.)
copy reader
editor
Continuity Reader (radio & tv broad.)
963.368 SCRIPT ASSISTANT (radio & tv broad.)
963.382 TELEPROMPTER OPERATOR (radio & tv broad.)
VIDEO-RECORDING ENGINEER (radio & tv broad.)
Kinescope-Recording Engineer (radio & tv broad.)
Teletranscription Engineer (radio & tv broad.)
963.782 MICROPHONE OPERATOR (radio & tv broad.)
963.887 CAMERAMAN, ASSISTANT (radio & tv broad.)
dolly pusher

964. Occupations in Theatrical and Related Entertainment Production, n.e.c.

This group includes occupations, not elsewhere classified, concerned with erecting, raising, and lowering and positioning microphones and other equipment on stages and other locations; adjusting and controlling lighting, including spotlights; installing rigging for acrobats and related entertainers; creating sound effects; and supplying properties in theatrical and related production.

964.138 CIRCUS FOREMAN (amuse. & rec.)
canvasman boss
964.168 MANAGER, STAGE (amuse. & rec.)
PROPERTY MAN (amuse. & rec.)
prop man
stage-property man
stage-prop man
964.281 SIGHT-EFFECTS MAN (amuse. & rec.)
electrician, master
964.381 SPOTLIGHT OPERATOR (amuse. & rec.)
electrician, front
964.781 LAMP OPERATOR (amuse. & rec.)
964.884 ACROBATIC RIGGER (amuse. & rec.)
rigger
GRIP (amuse. & rec.)
scene shifter
HIGH-RIGGING MAN (amuse. & rec.)
high-ladder man
set-up man
964.887 FLYMAN (amuse. & rec.)
loftman
STAGE CLEARER (amuse. & rec.)

969. Miscellaneous Amusement, Recreation, and Motion Picture Occupations, n.e.c.

This group includes occupations, not elsewhere classified, concerned with miscellaneous amusement, recreation, and motion picture occupations.

969.138 SUPERVISOR, COSTUMES (motion pic.; radio & tv broad.)
969.261 COSTUMER (motion pic.; radio & tv broad.)
wardrobe designer
wardrobe mistress
969.281 PROP MAKER (amuse. & rec.; motion pic.)
Cabinetmaker (motion pic.)
Carpenter, Boss (motion pic.)
Carpenter, Motion Picture Studio (motion pic.)
Carpenter, Shop (motion pic.)
Carpenter, Stage (amuse. & rec.; motion pic.)
Prop Maker, Miniature (motion pic.)
Sheet-Metal Man (motion pic.)
969.368 SCRIPT CLERK (motion pic.)
969.387 CUSTODIAN, ATHLETIC EQUIPMENT (amuse. & rec.)
manager, equipment
969.687 FILM INSPECTOR (motion pic.) I
969.688 FILM VIEWER (motion pic.)
viewer
969.884 FIREWORKS MAN (fireworks)
setter-off
setter-up
969.887 CIRCUS LABORER (amuse. & rec.)
houseman
ICEMAN, SKATING RINK (amuse. & rec.)
ice maker

97 OCCUPATIONS IN GRAPHIC ART WORK

This division includes occupations concerned with handsetting text or display type; making and mounting plates of line or continuous tone illustrations; assembling hand- or machine-set type, plates, and spacing material to make up pages and forms; reproducing type, illustrations, pages, and forms by photoengraving, lithographic process, electrotyping, or stereotyping to make plates for printing presses; copying lettering, lines, or designs, and retouching artwork; etching or engraving printing rollers; developing and printing film and prints; bookbinding; and related graphic arts activities.

970. Art Work Occupations, Brush, Spray, or Pen

This group includes occupations concerned with copying or altering designs or lettering following layout or other directions; retouching original artwork, including photographic negatives or positives, using brush, spray, airbrush, or pen; drawing lines, such as column rules, on page layouts; and related artwork. Creating layouts and producing original art are included in Division 14.

970.081 SIGN WRITER, HAND (any ind.)
card writer, hand
show-card writer
970.281 AIRBRUSH ARTIST (profess. & kin.)
photograph restorer
Airbrush Artist, Photography (profess. & kin.)
Airbrush Artist, Technical (profess. & kin.)
DELINEATOR (profess. & kin.) I
renderer
Architectural Renderer (profess. & kin.)
Industrial Renderer (profess. & kin.)
FORM DESIGNER (print. & pub.)
form drafter
PAINTER, PLATE (print. & pub.)
plate colorer
PHOTOGRAPH RETOUCHER (any ind.)
photograph finisher
retoucher
970.381 BEN-DAY ARTIST (print. & pub.)
colorman
tint layer
COLORIST, PHOTOGRAPHY (any ind.)
tinter, photograph
ENGROSSER (profess. & kin.)
calligrapher
penman
script artist
Illuminator (profess. & kin.)
INKER AND OPAQUER (motion pic.)
LAY-OUT-MAN (signs) II
LETTERER (profess. & kin.)
commercial artist, lettering
MUSIC GRAPHER (print. & pub.)
music autographer
PAINTER, ANIMATED CARTOONS (motion pic.)
PAINTER, HAND (any ind.) I
artist
decorator
filler-in tinter
Sketch Liner (pottery & porc.)
PAINTER, SIGN (any ind.)
Display Man (any ind.)
Lay-Out Man (any ind.) III
Wallman (any ind.)
PAINTER, SIGN, MAINTENANCE (r.r. trans.)
sign painter
STENCIL CUTTER (loco. & car bldg. & rep.)
Car Letterer (loco. & car bldg. & rep.)
REPEAT CHIEF (print. & pub.)
inspector
RETOUCHER, PHOTOENGRAVING (print. & pub.)
SKETCH MAKER, PHOTOENGRAVING (print. & pub.)
artist, color separation
designer-draftsman
970.781 SPOTTER, PHOTOGRAPHIC (any ind.)
spotter
970.884 AIRBUSH OPERATOR (print. & pub.)
spray decorator
COLORER (print. & pub.)
colorman
Bronzer (print. & pub.)
Map Colorer (print. & pub.)
PAINTER, AIRBRUSH (any ind.)
Bait Painter (sports equip.)

971. Photoengraving Occupations

This group includes occupations concerned with reproducing line or continuous tone copy on metallic printing plates for use in letterpress printing, using photo-etching process; mounting and photographing copy; developing latent images on plates; and etching plates to leave raised printing surface.

971.281 ETCHER, HAND (print. & pub.)
LITHOGRAPHER (bal. & scales)
971.381 ETCHER APPRENTICE, PHOTOENGRAVING (print. & pub.)
etcher apprentice

971.381 Con. PHOTOENGRAVER (print. & pub.)
engraving operator
photolith operator
Plate Maker, Zinc (print. & pub.)
ETCHER, PHOTOENGRAVING (print. & pub.)
Copper Etcher (print. & pub.)
Zinc Etcher, Photoengraving (print. & pub.)
STRIPPER (print. & pub.)
negative turner
Stripper, Black and White (print. & pub.)
Stripper, Color (print. & pub.)
PHOTOENGRAVER APPRENTICE (print. & pub.)
PHOTOENGRAVING FINISHER (print. & pub.)
finisher
plate finisher, photoengraving
PHOTOENGRAVING PRINTER (print. & pub.)
proof-plate maker
stripper and printer
PHOTOENGRAVING PROOFER (print. & pub.)
prover
Proofer, Black and White (print. & pub.)
Proofer, Color (print. & pub.)
PHOTOENGRAVING-PROOFER APPRENTICE (print. & pub.)
proofer apprentice
SCREEN MAKER, PHOTOGRAPHIC PROCESS (any ind.)
silk-screen artist
silk-screen man
STRIPPER APPRENTICE (print. & pub.)
negative-turner apprentice
stripper-and-opaquer apprentice

971.382 PHOTOGRAPHER, PHOTOENGRAVING (print. & pub.)
cameraman
engraving photographer
STEP-AND-REPEAT MAN (print. & pub.)
composer

971.684 BLOCKER (print. & pub.) II
film masker
film painter
negative checker

971.782 STENCIL OPERATOR, PHOTOGRAPHIC (print. & pub.)
offset-plate maker
process-camera operator

971.884 STAGER (print. & pub.)
roller painter

971.885 COPYMAN (print. & pub.)
roller painter
PRINTING-CHASE OPERATOR (electronics)
aperture-mask printing-chase tender

971.887 ETCHER HELPER, HAND (print. & pub.)

972. Lithographers and Related Occupations

This group includes occupations concerned with reproducing line or continuous tone copy on stone, metal, plastic, glass, or other media by photographic or other means of transferring images to make plates used in lithographic or offset printing processes.

972.281 PROCESS ARTIST (print. & pub.)
lithographic-color-artist retoucher
submarine artist
tone artist
PROCESS-ARTIST APPRENTICE (print. & pub.)
lithographic-color-artist-retoucher apprentice
tone-artist apprentice

972.381 SKETCH MAKER (print. & pub.)
TRANSFERRER (print. & pub.)
composer
lithographic-press-plate maker, photomechanical
plate maker
TRANSFERRER APPRENTICE (print. & pub.)
lithographic-press-plate-maker apprentice, photomechanical
plate-maker apprentice, lithographic
TRANSFERRER APPRENTICE, HAND (print. & pub.)
lithographic-press-plate-maker apprentice, hand transfer
TRANSFERRER, HAND (print. & pub.)
lithographic-press-plate maker, hand transfer
transfer man, hand

972.382 PHOTOGRAPHER, LITHOGRAPHIC (print. & pub.)
cameraman
copy cameraman
lithographic-camera man
photographer, stone
photographer, wet plate
photolithographer
photolithographic process man
process man
PHOTOLITHOGRAPHER APPRENTICE (print. & pub.)
copy-cameraman apprentice
lithographer apprentice
photographer apprentice, lithographic
XEROGRAPHY-MACHINE OPERATOR (any ind.)
xerography operator

972.781 TRANSFERRER (print. & pub.) II
press-plate maker
transfer man

972.782 PLATE GRAINER (print. & pub.)
grainer
plate preparer
zinc-plate grainer
PLATE-GRAINER APPRENTICE (print. & pub.)
grainer apprentice
plate-preparer apprentice
stone-and-plate-preparer apprentice

972.887 PLATE SETTER (print. & pub.)

973. Hand Compositors, Typesetters, and Related Occupations

This group includes occupations concerned with setting and distributing type by hand; making up and tearing down forms, including hand-set and machine-set type, mounted plates, and spacing material; locking forms; and pulling proofs.

973.138 FOREMAN, COMPOSING ROOM (print. & pub.)
composing-room foreman

973.381 COMPOSITOR (print. & pub.) I
typesetter
typographer
Ad Compositor (print. & pub.)
Job Compositor (print. & pub.)
COMPOSITOR APPRENTICE (print. & pub.)
typesetter apprentice
typographer apprentice
CORRECTION MAN (print. & pub.)
floorman
IMPOSER (print. & pub.)
lock-up man
stone hand
stoneman
JOB PRINTER (print. & pub.)
country printer
printer
JOB-PRINTER APPRENTICE (print. & pub.)
country-printer apprentice
printer's devil
MAKE-UP MAN (print. & pub.)
lock-up man
stone hand
stoneman

973.388 TYPOGRAPHER-PROOFER (print. & pub.)

974. Electrotypers and Related Occupations

This group includes occupations concerned with reproducing printing surface of units of type, line or halftone plates, or full pages, using an electrochemical process that plates a mold of type surface with copper, chrome, or other metal to form a shell, backed with type metal; and mounting plates for printing.

974.381 ELECTROTYPER (print. & pub.)
Electrotype Caster (print. & pub.)
Electrotype Molder (print. & pub.)
ELECTROTYPER APPRENTICE (print. & pub.)

975. Stereotypers and Related Occupations

This group includes occupations concerned with reproducing printing surface of units of type, line or halftone plates, or full pages by making a matrix of type and casting a curved or flat plate in stereotype metal; routing or planing cast plate to specified thickness; and mounting plates for printing.

975.782 BLOCKER, METAL BASE (print. & pub.)
STEREOTYPER (print. & pub.)
Stereotype Caster (print. & pub.)
Stereotype Molder (print. & pub.)
STEREOTYPER APPRENTICE (print. & pub.)

976. Darkroom Occupations, n.e.c.

This group includes occupations, not elsewhere classified, concerned with photographing flat copy; enlarging or reducing copy by projection printing; contact printing; developing and fixing negatives, positives, and prints; developing and printing still or motion-picture black-and-white or color film; toning, dodging, or otherwise controlling resulting prints; and mixing small batches of photographic chemicals for immediate use.

976.131 FILM TECHNICIAN (motion pic.) I
laboratory-contact man
LABORATORY CHIEF (any ind.)
laboratory foreman
laboratory manager
photographic-laboratory foreman
photographic-laboratory supervisor
TRAILER CHIEF (any ind.)
PHOTOGRAPHIC FOREMAN (print. & pub.)
photographic-section chief

976.381 DEVELOPER (any ind.)
darkroom man
doper
hand developer
photographer printer
Color-Laboratory Technician (any ind.)
PHOTOGRAPHIC SENSITOMETRIST (motion pic.)
sensitometrist
PROJECTION PRINTER (any ind.)
photograph enlarger
projection-camera operator
REPRODUCTION TECHNICIAN (any ind.)
tracing-cloth-reproduction technician
vacuum-frame operator
SOUND AND LABORATORY ENGINEER (motion pic.)
laboratory and sound engineer
quality-control head
TIMER (motion pic.)
film-laboratory timer

976.387 DENSITOMETER READER (motion pic.)

976.588 REPLACEMENT GIRL (motion pic.)

976.687 PHOTO CHECKER AND ASSEMBLER (any ind.)
finisher
proofer
Color-Print Inspector (any ind.)
Full-Roll Inspector (any ind.)
Mounting Inspector (any ind.)
Reversal-Print Inspector (any ind.)
Take-Down Inspector (any ind.)

976.782 COLOR-PRINTER OPERATOR (any ind.)
FILM DEVELOPER (motion pic.)
developer operator
Negative Developer (motion pic.)
Positive Developer (mtion pic.)
FILM PRINTER (motion pic.)
film-laboratory printer
sound printer
MULTIPLE-PHOTOGRAPHIC-PRINTER OPERATOR (any ind.)
photograph printer
RECTIFICATION PRINTER (any ind.)

976.884 CARBON PRINTER (print. & pub.)
CHEMICAL MIXER (motion pic.)
solution mixer
CONTACT-FRAME OPERATOR (print. & pub.)
darkroom man
process man
Lithographic Contact-Frame Operator (print. & pub.)
FILM CUTTER (any ind.) I
chopper
photo-cutting-machine operator
MOUNTER, HAND (bus. ser.)
NEGATIVE CUTTER (motion pic.)
film-laboratory negative cutter
negative worker
NEGATIVE CUTTER-AND-SPOTTER (any ind.)
stripper
type artist

976.884 SCREEN PHOTOGRAPHER (wallpaper)
Con. printing-screen photographer
SPLICER (any ind.)
Slitter, Processed Film (any ind.)
976.885 DEVELOPER, COLOR PHOTOGRAPHY (bus. ser.)
kodacolor paper developer
DEVELOPING-MACHINE OPERATOR (motion pic.)
FILM-DRYING-MACHINE OPERATOR (motion pic.)
dry-end operator
MOUNTER, COLOR FILM (any ind.)
PRINT DEVELOPER, MACHINE (any ind.)
hypo splasher
print developer
processor operator
PACO-MACHINE OPERATOR (any ind.)
darkroom attendant
X - RAY - DEVELOPING - MACHINE OPERATOR (medical ser.)
film processor
976.886 PHOTOGRAPH FINISHER (any ind.) I
print finisher
Photograph Mounter (any ind.)
976.887 FILM LOADER (any ind.)
FILM NUMBERER (any ind.)
numberer
transferrer, number
PHOTOGRAPHER HELPER (any ind.)
PRINT WASHER (any ind.)
washer
TRANSFERRER, NUMBER (motion pic.)

977. Bookbinders and Related Occupations

This group includes occupations concerned with gathering pages, forms, folios, and tip-ins, and assembling them into pamphlets or books; trimming, gluing, and affixing endsheets, coverboards, or cover material; and applying decorations and lettering to fabricate books by hand, using small tools, presses, and other bench equipment.

977.781 BOOKBINDER, HAND (print. & pub.)
binder and finisher, hand
finisher and binder, hand
977.782 BOOK-SEWING-MACHINE OPERATOR (print. & pub.) II
back sewer
blankbook-stitching-machine operator
977.884 BOOKBINDER (print. & pub.)
binder
finisher and bookbinder
Book Finisher (print. & pub.)
BOOKBINDER APPRENTICE (print. & pub.)
BOOK REPAIRER (any ind.)
binder
book mender
CASER (print. & pub.)
caser-in
COVERER, LOOSELEAF BINDER (print. & pub.)
INLAYER (print. & pub.)
PRESSER (print. & pub.)
caser-in
977.884 STITCHER, HAND (print. & pub.)
Con. back sewer
sewer, hand
TIPPER (print. & pub.)
gluer
hand gluer
977.885 CASE-MAKING-MACHINE OPERATOR (print. & pub.)
caser operator
cover-making-machine operator
977.887 BOOKMAKER, MAP (print. & pub.)
map assembler

979. Occupations in Graphic Art Work, n.e.c.

This group includes occupations, not elsewhere classified, concerned with graphic arts, such as engraving, roller making, silk screen printing, and other graphic arts and related activities.

979.081 PRINTMAKER (profess. & kin.)
etcher, hand
979.130 BLUEPRINTING - AND - PHOTOCOPY SUPERVISOR (any ind.)
foreman
Foreman, Photostat (any ind.)
979.137 FINISHING-ROOM FOREMAN (print. & pub.)
979.138 PRODUCTION SUPERVISOR (print. & pub.)
supervisor, layout
Lithographic-Copy Preparer (print. & pub.)
979.281 DIE MAKER (print. & pub.)
die cutter
engraver
ENGRAVER, BLOCK (print. & pub.)
artist, woodblock
block cutter
engraver, wood
wood-cut engraver
Wood-Type Finisher (woodworking)
979.380 PANTOGRAPH SETTER (print. & pub.)
979.381 COPY CAMERAMAN (any ind.)
copy-camera operator
film operator
negative-process operator
print-shop photographer
Microfilm Technician (any ind.)
DOCUMENT RESTORER (profess. & kin.)
LETTERER (type founding)
raiser
sketcher
LINE-UP MAN (print. & pub.)
MUSIC ENGRAVER (print. & pub.)
engraver
PASTE-UP MAN (print. & pub.)
PASTE-UP-MAN APPRENTICE (print. & pub.)
paste-make-up-artist apprentice
SIDEROGRAPHER (print. & pub.)
SILK-SCREEN CUTTER (any ind.)
film cutter
silk-screen maker
stencil cutter
Silk-Screen-Layout Draftsman (any ind.)
979.381 SILK-SCREEN MAKER (glass mfg.)
Con. STENCIL MAKER (fiber rugs)
979.382 PHOTOSTAT OPERATOR (any ind.)
photocopy operator
photostat-machine operator
979.387 PRINT INSPECTOR (bus. ser.)
979.687 EXAMINER (print. & pub.)
979.781 ENGRAVER (print. & pub.) I
pantograph operator
Engraver, Copperplate (print. & pub.)
Engraver, Steel Plate (print. & pub.)
ENGRAVER, RUBBER (print. & pub.)
SKETCH MAKER (any ind.)
979.782 BLOCKER (print. & pub.) I
mounter
BLUEPRINTING-MACHINE OPERATOR (any ind.)
ammonia-print operator
blueline operator
diazotype operator
whiteprinting-machine operator
Copyflex-Machine Operator (any ind.)
Ozalid Operator (any ind.)
CLAMPER (print. & pub.)
ENGRAVER, MACHINE (print. & pub.)
PANTOGRAPHER (print. & pub.)
PROOFING-MACHINE OPERATOR (print. & pub.)
proofer
ROLLER VARNISHER (print. & pub.)
ROUTER (print. & pub.)
printing-plate router
979.884 ENGRAVER (print. & pub.) II
GLOBE MOUNTER (print. & pub.)
GOLD-LEAF STAMPER (any ind.)
gold-leaf printer
gold marker
gold stamper
hot stamper
lettering-machine operator
stamping-press operator
IMPRESSION MAN (print. & pub.)
MAP-AND-CHART MOUNTER (print. & pub.)
gluer
paster
SCREEN PRINTER (textile)
silk-screen printer
SILK-SCREEN MACHINE OPERATOR (pottery & porc.)
SILK-SCREEN PRINTER (any ind.)
screen-stencil-printer operator
silk-screen tender
squeegee man
Target-Face Maker (sports equip.)
WALLPAPER PRINTER (wallpaper) II
printer, wallpaper
979.886 PRINT-SHOP HELPER (print. & pub.)
Electrotyper Helper (print. & pub.)
Photoengraving Helper (print. & pub.)
Stereotyper Helper (print. & pub.)
979.887 PHOTOLITH OPERATOR (any ind.)
PHOTOSTATIC-PRINT CUTTER (any ind.)

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.181, .281, .381	Materials Analysis and Related Work *see under* INVESTIGATING, INSPECTING, AND TESTING	418
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WORKER TRAITS ARRANGEMENT OF TITLES AND CODES

ART

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.081	Art Work	232
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INSTRUCTIVE WORK, FINE ARTS, THEATER, MUSIC, AND RELATED FIELDS

.028

Work Performed

Work activities in this group primarily involve instructing others in the principles, techniques, and/or application of some form of creative expression, such as art, music, dramatics, or dance. Instruction may be general or specific in nature. Specific instruction involves the evolution of a personal interpretation and the application of this personal viewpoint to the learning processes, development, and/or performances of others.

Worker Requirements

An occupationally significant combination of: Intellectual capacity sufficient to acquire necessary knowledge and background in subject matter area and teaching techniques; analytical mind to organize facts in answering students' questions and organize programs of instruction; perception for detail; aesthetic appreciation; creativity and imagination; ability to relate to people and communicate ideas; and a feeling for form, color, and composition as it applies to the visual arts.

Clues for Relating Applicants and Requirements

Expressed preference for working with people.
Proficiency in expressing ideas verbally.
Active participation in school, church, or amateur theatricals.
Training in dancing classes.
Successful academic background in relevant fields.

Training and Methods of Entry

Methods of entry vary according to type of activity involved. Some are: graduation from college or university with a major in one of the specialty fields; completion of courses in specialized schools, such as playhouses, academies of dramatic art, music academies, or art schools; playing small roles and doing backstage work in summer stock and resident repertory companies; success in musical auditions and contests, professional and amateur; and successful auditions for ballet and dance companies.

RELATED CLASSIFICATIONS

Art Work (.081) p. 232
Dramatics (.048) p. 392
Creative Entertainment Work, n.e.c. (.048) p. 390
High School, College, University, and Related Education (.228) p. 341
Rhythmics (.048) p. 398

QUALIFICATIONS PROFILE

GED: 5 6
SVP: 7 8 9

Apt:	GVN	SPQ	KFM	EC
	1 2 3	3 3 3	3 2 2	4 1
	2 4	4 4 4	4 4 3	5 3
			4	5

Int: 5 6 8
Temp: 1 4 5 7 9 X
Phys. Dem: S L 4 5 6

14 **ART WORK**

149. **Art Work n.e.c.**

149.028 TEACHER, ART (education)

15 **ENTERTAINMENT AND RECREATION**

150. **Dramatics**

150.028 DIRECTOR, STAGE (amuse. & rec.)
DRAMATIC COACH (profess. & kin.)
TEACHER, DRAMA (education)

151. **Dancing**

151.028 CHOREOGRAPHER (amuse. & rec.)
INSTRUCTOR, DANCING (education)

152. **Music**

152.028 TEACHER, MUSIC (education)

DECORATING AND ART WORK

.031; .051; .061

Work Performed

Work activities in this group primarily involve determining and executing arrangements of objects or materials to produce artistic or decorative effects for apparel, interiors, advertising layouts, motion picture sets, and the like. Some activities involve consultation with customers in order to convince them that they should contract for a decorating or other artistic service, consultation with salesmen to purchase or otherwise acquire materials, and supervision of subordinate personnel in the execution of an assignment.

Worker Requirements

An occupationally significant combination of: Aesthetic appreciation; creative imagination; manual and finger dexterity and eye-hand coordination; the ability to communicate ideas and influence others; a feeling for spatial relationships and color combinations; and supervisory capabilities.

Clues for Relating Applicants and Requirements

Courses in art in high school or college.
Courses in sewing in high school.
Samples of work entered in exhibits and contests.
Experience decorating own living accommodations.

Training and Methods of Entry

Graduation from an accredited art school or college is the most frequent requirement for entry into this field. Part-time schooling in such subjects as fashion design, interior decorating, and commercial art may be qualifying. The great majority of department stores, advertising agencies, and other large organizations that employ people in this field usually provide a formal training program,

RELATED CLASSIFICATIONS

Photography and Motion Picture Camera Work (.062) p. 230
Art Work (.081) p. 232
Drafting and Related Work (.181; .281) p. 377
Craftsmanship and Related Work (.281; .381) p. 312
Artistic Restoration, Decoration, and Related Work (.281; .381) p. 234

QUALIFICATIONS PROFILE

GED: 5
SVP: 8 7

Apt:	GVN	SPQ	KFM	EC
	1 1 3	2 2 4	3 3 3	5 2
	2 2	3 3 3	2 2	1

Int: 8 2 6
Temp: X 5 4 7 9
Phys. Dem: S L 4 5 6

14 ART WORK

141. Commercial Art

141.031 DIRECTOR, ART (profess. & kin.)
DIRECTOR, ART (ret. tr.)
141.051 COLOR EXPERT (profess. & kin.)

142. Designing

142.031 MANAGER, DISPLAY (ret. tr.)
142.051 DISPLAY DESIGNER, OUTSIDE (profess. & kin.)
INTERIOR DESIGNER AND DECORATOR (profess. & kin.)
142.061 SET DECORATOR (motion pic.)

149. Art Work n.e.c.

149.031 DIRECTOR, ART (motion pic.)
SUPERVISOR, SCENIC ARTS (motion pic.)
149.051 SILHOUETTE ARTIST (profess. & kin.)

PHOTOGRAPHY AND MOTION PICTURE CAMERA WORK

.062

Work Performed

Work activities in this group primarily involve photographing people, objects, or materials with still or motion picture cameras. Workers frequently conceive artistic photographic effects, and arrange and prepare the subject matter to be photographed.

Worker Requirements

An occupationally significant combination of: Imagination; aesthetic appreciation; a feeling for form and symmetry; an eye for color; dexterity with fingers and hands and eye-hand coordination; and a facility for dealing with people.

Clues for Relating Applicants and Requirements

Collection of cameras and scrapbook of own photos.
Collections of the work of great photographers.
Expressed preference for public contact work.
Success as photographer for college newspaper.

Training and Methods of Entry

Hobbies and casual experience in school and military service are usually considered extremely important factors for entry into this field. Courses in photography and newspaper or magazine theory and practice are also significant. Workers usually start with routine, stock assignments and progress through experience to the more creative facets of photography and motion picture camera work.

RELATED CLASSIFICATIONS

Decorating and Art Work (.031; .051; .061) p. 228
Art Work (.081) p. 232
Motion Picture Projecting, Photographic Machine Work, and Related Activities (.282; .382) p. 514
Artistic Restoration, Decoration, and Related Work (.281; .381) p. 234

QUALIFICATIONS PROFILE

GED: 4 5
SVP: 7 8

Apt:	GVN	SPQ	KFM	EC
	2 3 3	2 2 4	3 3 3	5 2
				4 3
				4

Int: 9 6
Temp: X 9
Phys. Dem: L 4 5 6

14 ART WORK

143. Photography

143.062 CAMERAMAN (radio & tv broad.)
CAMERAMAN, FIRST (motion pic.)
CAMERAMAN, SECOND (motion pic.)
PHOTOGRAPHER APPRENTICE, COMMERCIAL (profess. & kin.)
PHOTOGRAPHER APPRENTICE, PORTRAIT (profess. & kin.)
PHOTOGRAPHER, COMMERCIAL (profess. & kin.)
PHOTOGRAPHER, NEWS (print. & pub.)
PHOTOGRAPHER, PORTRAIT (profess. & kin.)
MANAGER, PHOTOGRAPH GALLERY OR STUDIO (profess. & kin.)
SCREEN REPORTER (motion pic.; radio & tv broad.)

ART WORK

.081

Work Performed

Work activities in this group primarily involve the creative expression of ideas, feelings, and moods in artistic designs, objects, and arrangements. Fine arts typically involve creation and execution of such works as portraiture, sculpture, ceramics, mosaics, and murals which are produced for their own sake rather than for utilitarian considerations, and are generally characterized by the artist's freedom to choose media and technique. Commercial arts are characteristically concerned with the creation and reproduction of commercial and industrial designs involving adherence to technical requirements or functional limitations specified by the client or employer.

Worker Requirements

An occupationally significant combination of: Aesthetic appreciation; creative imagination; artistic judgment concerning harmony of color and line; eye-hand coordination and finger and manual dexterity to paint or draw and to use handtools when working with plaster, clay, stone, and other materials; perception of form and design; color discrimination to perceive differences in hue, shade, and value; and spatial aptitude to visualize and depict three-dimensional objects and arrangements on two-dimensional surfaces.

Clues for Relating Applicants and Requirements

Demonstrated artistic ability, including hobbies, particularly if artwork has won prizes or been sold.

Training and Methods of Entry

Vocational high schools and art schools or institutes awarding diplomas upon completion of 2 to 3 years of theory and practice provide preparation generally acceptable for entry positions in commercial art. Commercial artists may find employment in printing and publishing houses, greeting card companies, advertising agencies, commercial art studios, department stores, and Government agencies. Specialized skills, such as lettering, illustrating, or typography enhance employment prospects. Advancement to responsible positions involving planning and layout work depends largely on development of artistic and technical skills through experience and on-the-job training.

Art schools offering 4 years of study, particularly those connected with colleges or universities, commonly award the bachelor of fine arts degree which is generally considered evidence of preparation for entry into fine artwork. Preparation includes studying such subjects as portrait and landscape painting, sculpture, history, and English, which are not ordinarily included in preparation for commercial artwork.

RELATED CLASSIFICATIONS

Decorating and Art Work (.031; .051; .061) p. 228
Photography and Motion Picture Camera Work (.062) p. 230
Drafting and Related Work (.181; .281) p. 377
Artistic Restoration, Decoration, and Related Work (.281; .381) p. 234
Instructive Work, Fine Arts, Theater, Music, and Related Fields (.028) p. 226

QUALIFICATIONS PROFILE

GED: 5 4
SVP: 7 8 5

Apt:	GVN	SPQ	KFM	EC
	223	224	222	52
	13	1 3	333	41
				3

Int: 8 6
Temp: X 9
Phys. Dem: S L 4 6

14 ART WORK

141. Commercial Art

141.081 ADVERTISING LAY-OUT MAN (profess. & kin.)
ART LAY-OUT MAN (print. & pub.)
CARTOONIST, MOTION PICTURES (motion pic.)
CARTOON-BACKGROUND ARTIST (motion pic.)
COLOR ADVISER (motion pic.)
COVER DESIGNER (profess. & kin.)
ILLUSTRATOR (profess. & kin.)
BACKGROUND-AND-TITLE ARTIST (motion pic.)
FASHION ARTIST (ret. tr.)
LAY-OUT MAN (print. & pub.)
MEDICAL ILLUSTRATOR (medical ser.)
MINATURE-SET CONSTRUCTOR (motion pic.)
STIPPLE ARTIST (print. & pub.)

142. Designing

142.081 BANK-NOTE DESIGNER (gov. ser.)
CLOTH DESIGNER (profess. & kin.)
CLOTHES DESIGNER (profess. & kin.)
COMMERCIAL DESIGNER (profess. & kin.)
DISPLAY ARTIST (profess. & kin.)
CREST-PATTERN MAKER AND SEWER (trim. & stamp. art goods)
DESIGNER, FISHING LURE (sports equip.)
DESIGNER, NOVELTIES (fabric. plastics prod.)
EMBROIDERY DESIGNER (embroid.; trim. & stamp. art goods)

142.081 Con.
FIXTURE DESIGNER (furn.)
FLORAL DESIGNER (ret. tr.)
FURNITURE DESIGNER (furn.)
FURRIER (fur goods)
FURRIER APPRENTICE (fur goods)
HANDBAG DESIGNER (leather prod.)
HANDBAG-FRAMES DESIGNER (profess. & kin.)
HAT DESIGNER (hat & cap; ret. tr.)
INDUSTRIAL DESIGNER (profess. & kin.)
INFORMATION SPECIALIST, VISUAL (gov. ser.)
JEWELRY AND FLATWARE DESIGNER (jewelry; silverware)
MUSICAL-INSTRUMENT-CASE DESIGNER (musical inst.)
ORNAMENTAL-METALWORK DESIGNER (struct. & ornam. metalwork)
PACKAGE DESIGNER (profess. & kin.)
POTTERY-DECORATION DESIGNER (pottery & porc.)
SAFETY-CLOTHING-AND-EQUIPMENT-DEVELOPMENT MAN (profess. & kin.)
SHOE DESIGNER (boot & shoe)
SIGN DESIGNER (signs)
SKETCHER (motion pic.)
STAGE-SCENERY DESIGNER (amuse. & rec.)
MINIATURE-SET DESIGNER (motion pic.)
STAGE-SET DESIGNER (motion pic.)

142.081 Con.
STAINED-GLASS-WINDOW DESIGNER (profess. & kin.)
STUFFED TOY DESIGNER (toys & games)
TILE DESIGNER (brick & tile)
TOY DESIGNER (toys & games)
WOMEN'S-GARMENT DESIGNER (ret. tr.)

144. Painting and Related Work

144.081 CARTOONIST (print. & pub.)
SKETCH PORTRAITIST (profess. & kin.)
CARTOON MAKER, STAINED GLASS (profess. & kin.)
PAINTER (profess. & kin.)
SCENIC ARTIST (motion pic.)
PAINTER, GLASS (profess. & kin.)

148. Sculpturing and Related Work

148.081 MEMORIAL DESIGNER (stonework)
MODELER (brick & tile)
SCULPTOR (profess. & kin.)

29 MISCELLANEOUS MERCHANDISING WORK

298. Display Work

298.081 DISPLAY MAN (ret. tr.) II

97 GRAPHIC ART WORK

970. Art Work, Brush, Spray, and Pen

970.081 SIGN WRITER, HAND (any ind.)

979. Graphic Art Work, n.e.c.

979.081 PRINT MAKER (profess. & kin.)

ARTISTIC RESTORATION, DECORATION, AND RELATED WORK

.281; .381

Work Performed

Work activities in this group primarily involve arranging, decorating, restoring, fashioning, or similarly working objects and materials to produce an acceptable artistic effect, product, or other result. Performance of these activities is predicated upon the ability to apply and adapt the techniques and methodology of a specific field, such as art, history, architecture, and taxidermy.

Worker Requirements

An occupationally significant combination of: The ability to learn the subject matter principles and techniques of a specialty; spatial perception to visualize three-dimensional forms and arrangements; visual acuity to observe differences in such qualities as form, color, or texture; finger dexterity, motor coordination, and manual dexterity; and accuracy in working to detailed specifications.

Clues for Relating Applicants and Requirements

Hobbies pursued, such as model airplane building, fancy needlework, or refinishing furniture.

Training and Methods of Entry

Vocational training as provided by vocational schools and some high schools is probably the best background for entry into this work. By virtue of their very nature, many of the activities included herein are quite specialized, and individual on-the-job training for any length of time running from 1 to 4 years is the usual method by which a worker acquires competence.

RELATED CLASSIFICATIONS

Art Work (.081) p. 232
Decorating and Art Work (.031; .051; .061) p. 228
Craftsmanship and Related Work (.281; .381) p. 312
Precision Working (.781) p. 319
Costuming, Tailoring, and Dressmaking (.261; .361) p. 308

QUALIFICATIONS PROFILE

GED: 4 5
SVP: 7 6

Apt:	GVN	SPQ	KFM	EC
	3 3 3	2 3 4	2 3 2	4 3
		2	3 2 3	4

Int: 0 9
Temp: 1 9 0 Y
Phys. Dem: L M 4 6

05 **SOCIAL SCIENCES**
052. **History**
052.381 ARCHEOLOGICAL ASSISTANT (profess. & kin.)
10 **MUSEUM, LIBRARY, AND ARCHIVAL SCIENCES**
102. **Museum and Related Work**
102.381 MUSEUM TECHNICIAN (museum)
RESTORER, LACE AND TEXTILES (museum)
109. **Museum, Library, and Archival Sciences, n.e.c.**
109.281 ARMORER TECHNICIAN (museum)
14 **ART WORK**
141. **Commercial Art**
141.281 ARTIST (wallpaper)
142. **Designing**
142.281 COPYIST (garment)
EXPERIMENTAL MAN (wood. box)
142.281 FUR DESIGNER (fur goods)
Con.
142.381 SAMPLE MAKER (jewelry) II
144. **Painting and Related Work**
144.281 PAINTINGS RESTORER (profess. & kin.)
148. **Sculpturing and Related Work**
148.281 CONCRETE SCULPTOR (conc. prod.)
149. **Art Work, n.e.c.**
149.281 FURNITURE REPRODUCER (furn.)
MODEL MAKER (profess. & kin.)
ARCHITECTURAL MODELER (profess. & kin.)
WOOD BURNER (jewelry)
19 **MISCELLANEOUS PROFESSIONAL, TECHNICAL, AND MANAGERIAL WORK**
199. **Miscellaneous Professional, Technical, and Managerial Work, n.e.c.**
199.281 TAXIDERMIST (profess. & kin.)
29 **MISCELLANEOUS MERCHANDISING WORK**
298. **Display Work**
298.381 DECORATOR (any ind.) I
31 **FOOD AND BEVERAGE PREPARATION AND SERVICE**
313. **Cooking, Large Hotels and Restaurants**
313.281 CHEF DE FROID (hotel & rest.)
52 **PROCESSING, FOOD AND RELATED PRODUCTS**
524. **Coating, Icing, Decorating, and Related Work**
524.381 CAKE DECORATOR (bake. prod.)
DECORATOR (dairy prod.)

BUSINESS RELATIONS

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.118 .168	Contract Negotiating and Related Work	239
.228	Business Training	241
.138	Supervisory Work (Clerical, Sales, and Related Activities)	243
.168	Managerial Work	245
.168 .268	Consultative and Business Services	248
.168 .268	Interviewing, Information-Giving, and Related Work (Vocational, Educational, and Related Activities)	250
.188 .288	Accounting, Auditing, and Related Work	252
.288	Title and Contract Search and Analysis and Related Work	254
.288 .388	Corresponding and Related Work	256
.368	Information Gathering, Dispensing, Verifying, and Related Work	258

ADMINISTRATION

.118; .168

Work Performed

Work activities in this group primarily involve formulating and carrying out administrative principles, practices, and techniques in an organization or establishment. These activities typically entail program planning, allocation of responsibilities to organizational components, monitoring the internal activities of these components, and coordinating their achievements in a manner that will insure success of the overall objective.

Worker Requirements

An occupationally significant combination of: Organizational ability to plan, formulate, and execute policies and programs; capacity to acquire knowledge of various administrative concepts and practices and successfully apply them to different organizational environments; verbal facility to deal effectively with persons at all levels; facility with numbers to prepare and review various financial and materiel reports; ability to relate to people in a manner to win their confidence and establish rapport; flexibility to adjust to changing conditions; and an analytical mind to solve complex problems.

Clues for Relating Applicants and Requirements

Successful achievement and advancement in lower level jobs in similar or related fields.

Educational background that includes business or governmental administration coursework.

Extracurricular or leisure-time activities and positions held that have afforded opportunities to acquire organizational skills, such as serving as community chairman of charity drives and production manager of amateur plays.

Training and Methods of Entry

Entry into this type of work may be accomplished in a variety of ways. Applicants frequently enter after years of experience, working up from lower level positions in which they have become familiar with the policies and operations of an organization or activity and have impressed with their efficiency, initiative, judgment, and organizational ability.

Many organizations have established administrative training programs. They hire promising college graduates, usually those with a degree in business administration, and funnel them through a training program designed to familiarize them with the functions of all phases of the organizational network and thereby prepare them to step into administrative positions.

RELATED CLASSIFICATIONS

Accounting, Auditing, and Related Work (.188; .288) p. 252
Business Training (.228) p. 241
Consultative and Business Services (.168; .268) p. 248
Contract Negotiating and Related Work (.118; .168) p. 239
Managerial Work (.168) p. 245

QUALIFICATIONS PROFILE

GED: 5 6
SVP: 8 9

Apt:	GVN	SPQ	KFM	EC
	1 1 2	4 4 4	4 4 4	5 5
	2 2 3	3 3 3		4

Int: 5 2 6
Temp: 4 5 1 9
Phys. Dem: S L 5

04 **LIFE SCIENCES**
045. **Psychology**
045.118 DIRECTOR OF GUIDANCE IN PUBLIC SCHOOLS (education)
05 **SOCIAL SCIENCES**
050. **Economics**
050.118 MANPOWER RESEARCH AND PLANNING DIRECTOR (gov. ser.)
052. **History**
052.168 DIRECTOR, RESEARCH (motion pic.)
07 **MEDICINE AND HEALTH**
075. **Nursing**
075.118 CONSULTANT, EDUCATIONAL, STATE BOARD OF NURSING (gov. ser.)
DIRECTOR, EDUCATIONAL, PUBLIC-HEALTH NURSING (medical ser.)
DIRECTOR, NURSING SERVICE (medical ser.)
DIRECTOR, OCCUPATIONAL HEALTH NURSING (medical ser.)
DIRECTOR, PUBLIC-HEALTH NURSING (medical ser.)
DIRECTOR, SCHOOL OF NURSING (medical ser.)
EXECUTIVE DIRECTOR, NURSES' ASSOCIATION (medical ser.)
077. **Dietetic Work**
077.118 DIETITIAN, CHIEF (profess. & kin.)
079. **Medicine and Health, n.e.c.**
079.118 PUBLIC HEALTH EDUCATOR (profess. & kin.)
SANITARIAN (profess. & kin.)
079.168 COMMUNITY SERVICES AND HEALTH EDUCATION OFFICER (gov. ser.)
09 **EDUCATION**
090. **College and University Education**
090.118 ACADEMIC DEAN (education)
ALUMNI SECRETARY (education)
DEAN OF STUDENTS (education)
DIRECTOR, EXTENSION WORK (education)
FINANCIAL-AIDS OFFICER (education)
PRESIDENT, EDUCATIONAL INSTITUTION (education)
090.168 DIRECTOR OF ADMISSIONS (education) I
DIRECTOR OF STUDENT AFFAIRS (education)
DIRECTOR, SUMMER SESSIONS (education)
REGISTRAR, COLLEGE OR UNIVERSITY (education)
091. **Secondary School Education**
091.118 PRINCIPAL (education)
HEADMASTER (education)
SUPERINTENDENT, SCHOOLS (education)
094. **Education of the Handicapped**
094.118 DIRECTOR, COMMISSION FOR THE BLIND (gov. ser.)
DIRECTOR, SPECIAL EDUCATION (education)
097. **Vocational Education, n.e.c.**
097.118 DIRECTOR, VOCATIONAL TRAINING (education)
099. **Education, n.e.c.**
099.118 DIRECTOR, EDUCATIONAL PROGRAM (education)
EDUCATIONAL SUPERVISOR, PENAL INSTITUTION (education)
SUPERVISOR, EDUCATION (education)
099.168 AUDIOVISUAL SPECIALIST (education)
EDUCATIONAL SPECIALIST (education)
SCHOOL EXAMINER (education)
10 **MUSEUM, LIBRARY, AND ARCHIVAL SCIENCES**
100. **Library Work**
100.118 LIBRARY DIRECTOR (library)
102. **Museum and Related Work**
102.118 CURATOR (museum)
109. **Museum, Library, and Archival Sciences, n.e.c.**
109.118 SUPERVISOR, HISTORIC SITES (gov. ser.)
15 **ENTERTAINMENT AND RECREATION**
153. **Athletics and Sports**
153.118 DIRECTOR, ATHLETIC (education) II
MANAGER, ATHLETIC TEAM (amuse. & rec.)
STEWARD, RACETRACK (amuse. & rec.)
159. **Entertainment and Recreation, n.e.c.**
159.118 PRODUCER (radio & tv broad.)
16 **ADMINISTRATIVE SPECIALTIES**
160. **Accounting and Auditing**
160.168 CHIEF EXAMINER (gov. ser.)
161. **Budget and Management Analysis**
161.118 BUDGET OFFICER (gov. ser.)
161.118 DIRECTOR, JOINT FINANCING (nonprofit organ.)
Con. TREASURER (any ind.)
UNION TIMESTUDY MAN (clerical)
162. **Purchasing Management**
162.118 ADMINISTRATOR, CONTRACT AND ORDER (any ind.)
RESEARCH-CONTRACTS SUPERVISOR (gov. ser.)
CONTRACT SPECIALIST (gov. ser.)
163. **Sales and Distribution Management**
163.118 MANAGER, CONTRACTS (petrol. production; petrol. refin.; pipe lines)
MANAGER, EXPORT (any ind.)
MANAGER, PROMOTION (hotel & rest.)
MANAGER, SALES (any ind.)
MANAGER, CIRCULATION (print. & pub.)
164. **Advertising Management**
164.118 DIRECTOR, ADVERTISING (print. & pub.)
MANAGER, ADVERTISING (any ind.)
MANAGER, ADVERTISING AGENCY (bus. ser.)
166. **Personnel and Training Administration**
166.118 DIRECTOR, EDUCATIONAL (education)
DIRECTOR, SAFETY (education)
DIRECTOR, INDUSTRIAL RELATIONS (profess. & kin.)
MANAGER, PERSONNEL (profess. & kin.) I
166.168 DIRECTOR, INDUSTRIES AND MAINTENANCE (gov. ser.)
169. **Administrative Specialities, n.e.c.**
169.118 ADMINISTRATIVE OFFICER, STATE BOARD OF NURSING (gov. ser.)
CONCILIATOR (profess & kin.)
DEFENSE COORDINATOR (profess. & kin.)
LABOR-RELATIONS SPECIALIST (profess. & kin.)
SALARY AND WAGE ADMINISTRATOR (profess. & kin.)
STEWARD, PORT (water trans.)
169.168 CIVIL DEFENSE TRAINING OFFICER (gov. ser.)
18 **MANAGERIAL WORK, N.E.C.**
181. **Mining Management**
181.118 MANAGER, BULK PLANT (petrol. refin.; rct. tr.)
MINE SUPERINTENDENT (mining & quarrying)
183. **Manufacturing Industry Management**
183.118 MANAGER, BRANCH (any ind.)
PRODUCTION SUPERINTENDENT (any ind.)
184. **Transportation, Communication, and Utilities Management**
184.118 DIRECTOR, PUBLIC SERVICE (radio & tv broad.)
DIRECTOR, TRANSPORTATION (motor trans.)
MANAGER, HARBOR DEPARTMENT (water trans.)
MANAGER, INDUSTRIAL DEVELOPMENT (r.r. trans.)
MANAGER, AREA DEVELOPMENT (light, heat, & power)
MANAGER, IRRIGATION DISTRICT (waterworks)
MANAGER, OPERATIONS (air trans.; motor trans.; r.r. trans.; water trans.)
MANAGER, REGIONAL (motor trans.)
MANAGER, STATION (radio & tv broad.)
DIRECTOR, INTERNATIONAL BROADCASTING (radio & tv broad.)
OPERATIONS MANAGER (tel. & tel.)
REVENUE-SETTLEMENTS ADMINISTRATOR (tel. & tel.)
SUPERINTENDENT, AIRPORT (air trans.)
SUPERINTENDENT, COMMUNICATIONS (tel. & tel.)
185. **Wholesale and Retail Trade Management**
185.168 SUPERVISOR, LIQUOR STORES AND AGENCIES (gov. ser.)
186. **Finance, Insurance, and Real Estate Management**
186.118 BUSINESS MANAGER, COLLEGE OR UNIVERSITY (education)
CONTROLLER (profess. & kin.)
DEPUTY INSURANCE COMMISSIONER (gov. ser.)
MANAGER, INSURANCE (any ind.)
MANAGER, FINANCIAL INSTITUTION (banking; finan. inst.)
MANAGER, LEASING (petrol. production)
PROPERTY MANAGER (gov. ser.)
REAL-ESTATE AGENT (r.r. trans.)
TRUST OFFICER (banking)
186.118 VICE-PRESIDENT, BANK (banking)
Con.
186.168 BANK CASHIER (banking)
187. **Service Industry Management**
187.118 BUSINESS AGENT, LABOR UNOIN (profess. & kin.)
DIRECTOR, COMMUNITY ORGANIZATION (nonprofit organ.)
DISTRICT ADVISER (nonprofit organ.)
EXECTIVE VICE PRESIDENT, CHAMBER OF COMMERCE (nonprofit organ.)
MANAGER, DEPARTMENT, CHAMBER OF COMMERCE (nonprofit organ.)
MANAGER, WORLD TRADE (nonprofit organ.)
MANAGER, HOTEL (hotel & rest.) I
MANAGER, MOTEL (hotel & rest.) II
PUBLIC HEALTH SERVICE OFFICER (gov. ser.)
RECREATION SUPERVISOR (profess. & kin.)
RECREATION SUPERVISOR, SPECIAL ACTIVITY (profess. & kin.)
SUPERINTENDENT, CIRCUS (amuse. & rec.)
SUPERINTENDENT, INSTITUTION (any ind.)
SUPERINTENDENT, HOSPITAL (medical ser.)
SUPERINTENDENT, RECREATION (gov. ser.)
188. **Public Administration Management**
188.118 APPRENTICE-TRAINING REPRESENTATIVE, FIELD (gov. ser.)
CHIEF, FISHERY DIVISION (gov. ser.)
CIVIL DEFENSE OFFICER (gov. ser.)
COMMISSIONER, CONSERVATION OF RESOURCES (gov. ser.)
COMMISSIONER OF CONCILIATION (gov. ser.)
COMMISSIONER, PUBLIC WORKS (gov. ser.)
ROADS SUPERVISOR (gov. ser.)
CUSTOMS COLLECTOR (gov. ser.)
DIRECTOR, AERONAUTICS COMMISSION (gov. ser.)
DIRECTOR, COUNCIL ON AGING (gov. ser.)
DIRECTOR, FIELD REPRESENTATIVES (gov. ser.)
DIRECTOR, MEDICAL FACILITIES SECTION (gov. ser.)
FOREIGN-SERVICE OFFICER (gov. ser.)
GENERAL SERVICES OFFICER (gov. ser.)
HOUSING-MANAGEMENT OFFICER (gov. ser.)
INDUSTRIAL PLANNING ADMINISTRATOR (gov. ser.)
MANAGER, CITY (gov. ser.)
POLICE COMMISSIONER (gov. ser.) I
WELFARE DIRECTOR (gov. ser.)
DIRECTOR, BUREAU OF PUBLIC ASSISTANCE (gov. ser.)
188.168 DIRECTOR OF VITAL STATISTICS (gov. ser.)
DIRECTOR, SAFETY COUNCIL (gov. ser.)
TRAFFIC-SAFETY ADMINISTRATOR (gov. ser.)
RELOCATION COMMISSIONER (gov. ser.)
SECRETARY OF STATE (gov. ser.)
189. **Miscellaneous Managerial Work, n.e.c.**
189.118 ASSOCIATION EXECUTIVE (profess. & kin.)
DIRECTOR, RESEARCH AND DEVELOPMENT (any ind.)
MANAGER, INDUSTRIAL ORGANIZATION (any ind.)
PRESIDENT (any ind.)
VICE PRESIDENT (any ind.)
19 **MISCELLANEOUS PROFESSIONAL, TECHNICAL, AND MANAGERIAL WORK**
195. **Social and Welfare Work**
195.118 ADMINISTRATOR, SOCIAL WELFARE (profess. & kin.)
DIRECTOR, WELFARE (profess. & kin.)
199. **Miscellaneous Professional, Technical, and Managerial Work, n.e.c.**
199.168 URBAN PLANNER (profess. & kin.)
37 **PROTECTIVE SERVICES**
373. **Fire Protection Service**
373.118 FIRE CHIEF (gov. ser.)
373.168 BATTALION CHIEF (gov. ser.)
375. **Police and Related Work, Public Service**
375.118 POLICE CHIEF (gov. ser.) II
375.168 HARBOR MASTER (gov. ser.)

CONTRACT NEGOTIATING AND RELATED WORK
.118; .168

Work Performed

Work activities in this group primarily involve representing and promoting the interests of one or more individuals or an organization in negotiations or discussions concerned with the exchange of money for products, property, or services; or with the passage of legislation affecting a client's welfare.

Worker Requirements

An occupationally significant combination of: Liking for public contact work; ability to understand contract and property laws and legal and insurance terminology; reading comprehension and conversational agility; persuasive powers; and sensitivity to the attitudes and reactions of others.

Clues for Relating Applicants and Background

Experience in law, business, or merchandising.
Neat attire and good grooming.
Proficiency in expressing ideas verbally.

Training and Methods of Entry

Most individuals enter this work only after acquiring considerable experience in such related fields as law, business, or merchandising. Employers generally prefer those applicants with a law degree, although in many instances a bachelor's degree in business or liberal arts is acceptable. The personal contacts of the individual and his knowledge of the technicalities and intricacies of the particular field or environment are most important considerations. It is only after considerable exposure that he may be expected to function at full capacity.

RELATED CLASSIFICATIONS

Administration (.118; .168) p. 237
Consultative and Business Services (.168; .268) p. 248
Promotion and Publicity (.068) p. 482
Purchase and Sales Work (.158; .168) p. 484
Title and Contract Search and Analysis and Related Work (.288) p. 254

QUALIFICATIONS PROFILE

GED: 4 5
SVP: 6 7 8

Apt:	GVN	SPQ	KFM	EC
	2 2 3	3 3 3	4 4 4	5 4
		4 4 4	5 5 5	5

Int: 2 5 6
Temp: 1 4 5 7 9
Phys. Dem: S L 4 5 6

15 **ENTERTAINMENT AND RECREATION**
153. **Athletics and Sports**
153.118 MANAGER, ATHLETE (amuse. & rec.)
16 **ADMINISTRATIVE SPECIALTIES**
165. **Public Relations Management**
165.118 LOBBYIST (profess. & kin.)
18 **MANAGERIAL WORK, N.E.C.**
180. **Agriculture, Forestry, and Fishing Management**
180.118 FIELD MAN (any ind.)
184. **Transportation, Communication, and Utilities Management**
184.118 DISTRICT SALES REPRESENTATIVE (motor trans.)
IMPORT-EXPORT AGENT (r. r. trans.)
186. **Finance, Insurance, and Real Estate Management**
186.118 CUSTOMS-HOUSE BROKER (finan. inst.)
PROPERTY-RENTAL AGENT (bus. ser.)
187. **Service Industry Management**
187.118 SCOUT, PROFESSIONAL SPORTS (amuse. & rec.)
19 **MISCELLANEOUS PROFESSIONAL, TECHNICAL, AND MANAGERIAL WORK**
191. **Business Relations Work, n.e.c.**
191.118 BOOKING AGENT (amuse. & rec.)
BUSINESS AGENT (amuse. & rec.)
CIRCUS AGENT (amuse. & rec.)
CIRCUS-CONTRACTING AGENT (amuse. & rec.)
IMPRESARIO (amuse. & rec.)
191.118 Con. MANAGER, THEATRICAL PRODUCTION (amuse. & rec.)
LEASEMAN (petrol. production) I
LITERARY AGENT (bus. ser.)
PLAY BROKER (amuse. & rec.)
PERMIT AGENT, GEOPHYSICAL PROSPECTING (petrol. production)
RIGHT-OF-WAY AGENT (clerical)
RIGHT-OF-WAY SUPERVISOR (any ind.)
191.168 ADVANCE MAN (amuse. & rec.)
DIRECTOR, LOCATION (motion pic.)

BUSINESS TRAINING
.228

Work Performed

Work activities in this group primarily involve providing general training and orientation to new employees in a business or commercial environment. Typical subjects in which instruction is given are company organization and policy, personnel regulations, company operating procedures, terminology, and customer relations.

Worker Requirements

An occupationally significant combination of: Interest in people and ability to communicate ideas; analytical ability to organize facts in answering students' questions and plan programs of instruction; and intellectual capacity to acquire necessary background.

Clues for Relating Applicants and Background

Proficiency in expressing ideas verbally.
Expressed preference for public contact work.
Successful experience in general personnel relations work.

Training and Methods of Entry

Familiarity with individual organizational policies and methods is frequently a prerequisite for entry into this work. Knowledge of this nature may be acquired through experience in lower level or related positions, usually of a personnel nature. Good initial training would usually consist of business courses in college with an emphasis on personnel and some coursework in teaching methods that would include practice and use of modern teaching techniques.

RELATED CLASSIFICATIONS

Industrial Training (.128; .228) p. 335
Training Services (.228) p. 349

QUALIFICATIONS PROFILE

GED: 3 4 5
SVP: 6 7 8

Apt:	GVN	SPQ	KFM	EC
	2 2 2	3 3 3	3 3 3	3 4
	3 3 3	4 4 4	4 4 4	4 5

Int: 2 5 6
Temp: 1 4 5 9 0
Phys. Dem: S L M 2 4 5 6

16 ADMINISTRATIVE SPECIALTIES

166. **Personnel and Training Administration**

166.228 AIRPLANE STEWARDESS, CHEIF (air trans.)

23 INFORMATION AND MESSAGE DISTRIBUTION

239. **Information and Message Distribution, n.e.c.**

239.228 CONTRACT CLERK TRAINING SUPREVISOR (tel. & tel.)

SUPERVISORY WORK (CLERICAL, SALES, AND RELATED ACTIVITIES)

.138

Work Performed

Work activities in this group primarily involve supervising and coordinating the activities of personnel engaged in clerical, sales, and related work.

Worker Requirements

An occupationally significant combination of: Ability to become thoroughly familiar with one or more clerical or sales activity; ability to plan ahead and to make assignments in a manner which promotes coordinated action and the completion of individual tasks according to established priorities; verbal ability to communicate effectively, orally and in writing, with superiors and subordinates; clerical aptitude to detect errors in correspondence, statistical tabulations, price lists, inventory records, and timetables; ability to motivate people to work cooperatively and conscientiously in activities which are frequently routine and repetitive; and ability to perform work done by subordinates and to train new employees when required.

Clues for Relating Applicants and Requirements

Good grooming.
Facility with language.
Desire to deal with people.
Leadership in community activities.
Success in clerical, sales, or related work at a different level of endeavor.

Training and Methods of Entry

Entry into this kind of work is frequently accomplished by promotion from other positions within an organization. Courses in supervisory practices are frequently required. Another method of entry is the completion of merchandising and business management courses.

RELATED CLASSIFICATIONS

Managerial Work (.168) p. 245
Purchase and Sales Work (.158; .168) p. 484
Demonstration and Sales Work (.258; .358; .458) p. 488
Classifying, Filing, and Related Work (.388) p. 276

QUALIFICATIONS PROFILE

GED: 4 5
SVP: 7 8 6
Apt: GVN SPQ KFM EC
2 3 3 4 4 3 4 4 4 5 5
2 2 3 3 4 4
Int: 2 5
Temp: 4 5
Phys. Dem: S L 5

10 **MUSEUM, LIBRARY, AND ARCHIVAL SCIENCES**
109. **Museum, Library, and Archival Sciences, n.e.c.**
109.138 SHELVING SUPERVISOR (library)
18 **MANAGERIAL WORK, N.E.C.**
186. **Finance, Insurance, and Real Estate Management**
186.138 MANAGER, SAFE DEPOSITS (banking)
20 **STENOGRAPHY, TYPING, FILING, AND RELATED WORK**
203. **Typing**
203.138 TELEGRAPHIC-TYPEWRITER OPERATOR, CHIEF (clerical)
TYPING SECTION CHIEF (clerical)
205. **Personnel Work**
205.138 PERSONNEL CLERK SUPERVISOR (clerical)
SUPERVISOR, FORCE ADJUSTMENT (tel. & tel.)
207. **Duplicating-Machine Work**
207.138 CHIEF CLERK, PRINT SHOP (clerical)
208. **Miscellaneous Office Machine Work**
208.138 TRANSCRIBING OPERATOR, HEAD (clerical)
209. **Stenography, Typing, Filing, and Related Work, n.e.c.**
209.138 COORDINATOR, LETTER CAMPAIGN (drug. prep. & rel. prod.)
STENOGRAPHIC-POOL SUPERVISOR (clerical)
TECHNICAL COORDINATOR (gov. ser.)
21 **COMPUTING AND ACCOUNT RECORDING**
211. **Cashiering**
211.138 MONEY-ROOM MAN, HEAD (amuse. & rec.)
SUPERVISOR, CASHIERS (light, heat, & power)
212. **Teller Service**
212.138 TELLER, HEAD (banking)
213. **Automatic Data Processing**
213.138 SUPERVISOR, COMPUTER OPERATIONS (clerical)
SUPERVISOR, MACHINE-RECORDS UNIT (clerical)
219. **Computing and Account Recording, n.e.c.**
219.138 COST-AND-SALES RECORD SUPERVISOR (light, heat, & power)
CREW SCHEDULER, CHIEF (air trans.)
FIELD CASHIER (const.)
MANAGER, STATEMENT CLERKS (banking)
PAY-ROLL CLERK, CHIEF (clerical)
STATISTICIAN, ELECTRIC POWER (light, heat, & power)
SUPERINTENDENT, PAY-ROLL DIVISION (light, heat, & power)
SUPERVISOR, ACCOUNTS RECEIVABLE (light, heat, & power)
TIMEKEEPER, CHIEF (clerical)
22 **MATERIAL AND PRODUCTION RECORDING**
221. **Clerical Work, Production**
221.138 CONTROL CLERK, HEAD (clock & watch)
YIELDS SUPERVISOR (clerical)
222. **Clerical Work, Shipping and Receiving**
222.138 BOXING-AND-PRESSING FOREMAN (knit goods)
FOREMAN, SHIPPING (bake. prod.)
NAVY-ORDER-DEPARTMENT SUPERVISOR (clerical)
RATE SUPERVISOR (clerical)
SHIPPING CLERK (clerical) I
VAULT CASHIER (bus. ser.)
223. **Stock Checking and Related Work**
223.138 AMMUNITION FOREMAN (ammunition; explosives)
LINEN-ROOM SUPERVISOR (laund.)
PETROLEUM-INSPECTOR SUPERVISOR (bus. ser.)
RECEIVING-AND-SHIPPING FOREMAN (any ind.)
STOCK-CONTROL SUPERVISOR (clerical)
STOCK SUPERVISOR (ret. tr.)
SUPERVISOR, ASSEMBLY STOCK (clerical)
SUPERVISOR, STOCK (clerical)
TOOL-CRIB FOREMAN (clerical)
VAULT CUSTODIAN (motion pic.)
229. **Material and Production Recording, n.e.c.**
229.138 CERTIFIED-TEST CLERK (ore dress., smelt., & refin.)
CHART CLERK, CHIEF (clerical)
CHIEF CLERK, MEASUREMENT DEPARTMENT (petrol. production; pipe lines)
CONTACT CLERK SUPERVISOR (light, heat, & power)
EQUIPMENT RECORDS SUPERVISOR (const.)
PROCESS-CONTROL CLERICAL SUPERVISOR (petrol. refin.)
SACK-DEPARTMENT FOREMAN (grain & feed mill.)
YARD FOREMAN (const.)
23 **INFORMATION AND MESSAGE DISTRIBUTION**
230. **Messenger and Related Work**
230.138 SUPERVISOR, MESSENGERS (tel. & tel.)
231. **Mail Sorting, Stamping, Recording, Routing, and Related Work**
231.138 MAILING SUPERVISOR (clerical)
232. **Clerical Work, Post Office**
232.138 FOREMAN, MAILS (gov. ser.)
233. **Mail Delivery**
233.138 FOREMAN, CARRIERS (gov. ser.)
235. **Telephone Work**
235.138 CENTRAL-OFFICE OPERATOR SUPERVISOR (tel. & tel.)
TELEPHONE OPERATOR, CHIEF (clerical)
239. **Information and Message Distribution, n.e.c.**
239.138 CABLE SUPERVISOR (tel. & tel.)
CONTRACT CLERK SUPERVISOR (tel. & tel.)
FOREMAN, MAIL ROOM (print. & pub.)
MANAGER, DELIVERY DEPARTMENT (tel. & tel.)
MORSE SUPERVISOR (tel. & tel.)
SERVICE OBSERVER, CHIEF (tel. & tel.)
SUPERVISOR, AUTOMATIC EQUIPMENT (tel. & tel.)
SUPERVISOR, ROUTE (tel. & tel.)
239.138 Con. SAMPLE DISTRIBUTOR CREW SUPERVISOR (bus. ser.)
TELEFAX SUPERVISOR (tel. & tel.)
24 **MISCELLANEOUS CLERICAL WORK**
240. **Collecting**
240.138 COIN-MACHINE COLLECTOR SUPERVISOR (clerical)
249. **Miscellaneous Clerical Work, n.e.c.**
249.138 CLAIMS DEPUTY (gov. ser.)
SOLICITOR, HEAD (print. & pub.)
STOCK-TRANSFER CLERK, HEAD (banking)
SUPERINTENDENT, CUSTOMER RECORDS DIVISION (light, heat, & power)
SUPERVISOR, SURVEY WORKER (clerical)
29 **MISCELLANEOUS MERCHANDISING WORK**
292. **Route Work**
292.138 ROUTE SUPERVISOR (any ind.)
299. **Miscellaneous Merchandising Work, n.e.c.**
299.138 BUREAU OF STANDARDS SUPERVISOR (ret. tr.)
DEPARTMENT HEAD, SUPERMARKET (ret. tr.)
FOREMAN, ICE DELIVERY AND STORAGE (ice)
MANAGER, DEPARTMENT (ret. tr.)
SAMPLE-ROOM SUPERVISOR (textile)
37 **PROTECTIVE SERVICES**
375. **Police and Related Work, Public Service**
375.138 DESK OFFICER (gov. ser.)
DESK OFFICER, CHIEF (gov. ser.)
SECRETARY OF POLICE (gov. ser.)
91 **TRANSPORTATION WORK, N.E.C.**
910. **Railroad Transportation**
910.138 RAILWAY-EXPRESS AGENT (r.r. trans.)
STATION AGENT (r.r. trans.) I
911. **Water Transportation**
911.138 DOCUMENTATION SUPERVISOR (water trans.)
912. **Air Transportation**
912.138 SUPERVISOR, TICKET SALES (air trans.)
919. **Miscellaneous Transportation Work, n.e.c.**
919.138 DEPOT MASTER (motor trans.; r.r. trans.)
93 **EXTRACTION OF MINERALS**
939. **Extraction of Minerals, n.e.c.**
939.138 CHIEF DISPATCHER (petrol. production)
95 **PRODUCTION AND DISTRIBUTION OF UTILITIES**
959. **Production and Distribution of Utilities, n.e.c.**
959.138 DISPATCHER SERVICE, CHIEF (light, heat, & power)
ORDER DISPATCHER, CHIEF (light, heat, & power)
METER READER, CHIEF (light, heat, & power)
96 **AMUSEMENT, RECREATION, AND MOTION PICTURE WORK, N.E.C.**
962. **Motion Picture Production, n.e.c.**
962.138 SUPERVISING FILM EDITOR (motion pic.; radio & tv broad.)
97 **GRAPHIC ART WORK**
979. **Graphic Art Work, n.e.c.**
979.138 PRODUCTION SUPERVISOR (print. & pub.)

MANAGERIAL WORK

.168

Work Performed

Work activities in this group primarily involve organizing and coordinating the functions of a unit, department, or branch of an organization or establishment. Certain activities are concerned with the managing of one organization that is part of a larger chain or of an establishment of limited size and diversification. Also included is the planning and coordination of a singular program, project, or other organized endeavor, either public or private, originated for a specific purpose.

Worker Requirements

An occupationally significant combination of: Ability to plan, initiate, and execute programs; ability to understand, interpret, and apply procedures and directives; numerical facility to analyze and use statistics and maintain production and inventory controls and records; leadership qualities; verbal facility; and the ability to relate to people in order to motivate and direct employees and to maintain good employer-employee and customer relationships.

Clues for Relating Applicants and Requirements

Successful experience in applicable work field at lower levels.
Academic preparation in pertinent coursework, such as business management.
Leadership qualities as indicated by elective offices held in academic or community environment.
Expressed interest in assuming management responsibilities.

Training and Methods of Entry

Promotion from within is the most common method employed for filling positions in this group. In some cases, however, employers desire new ideas, new techniques, new procedures, and new personalities, and recruit from outside the organization.

Most of the larger employers consider only those individuals who are recent college graduates. They look for an educational background consisting of appropriate personnel, vocational, business, merchandising, or similar coursework, and then provide their new employees with management-trainee programs which usually entail a combination of special training seminars and actual on-the-job training.

RELATED CLASSIFICATIONS

Administration (.118; .168) p. 237
Consultative and Business Services (.168; .268) p. 248
Supervisory Work (Clerical, Sales, and Related Activities) (.138) p. 243
Engineering, Scientific, and Technical Coordination (.168) p. 375

QUALIFICATIONS PROFILE

GED: 4 5
SVP: 6 7 8

Apt.	GVN	SPQ	KFM	EC
	2 2 3	4 4 2	4 4 4	5 5
	1 1 2			

Int: 5 2 3
Temp: 1 4 5 9 0
Phys. Dem: S L

07 **MEDICINE AND HEALTH**
077. **Dietetic Work**
077.168 DIETETIC INTERN (profess. & kin.)
DIETITIAN (profess. & kin.)
DIETITIAN, ADMINISTRATIVE (profess. & kin.)
079. **Medicine and Health, n.e.c.**
079.168 SUPERVISOR, CENTRAL SUPPLY (medical ser.)
09 **EDUCATION**
090. **College and University Education**
090.168 DEPARTMENT HEAD, COLLEGE OR UNIVERSITY (education)
DIRECTOR OF INSTITUTIONAL RESEARCH (education)
SCHOLARSHIP COUNSELOR (education)
091. **Secondary School Education**
091.168 MUSIC SUPERVISOR (education)
096. **Home Economics, Agriculture, and Related Education**
096.168 DISTRICT EXTENSION SERVICE AGENT (gov. ser.)
HOME-SERVICE DIRECTOR (profess. & kin.)
SPECIALIST-IN-CHARGE, EXTENSION SERVICE (gov. ser.)
WEED-CONTROL SUPERVISOR (gov. ser.)
099. **Education, n.e.c.**
099.168 DIRECTOR, EXPERIMENTAL SCHOOLS IMPROVEMENT PROJECTS (education)
10 **MUSEUM, LIBRARY, AND ARCHIVAL SCIENCES**
100. **Library Work**
100.168 CHIEF LIBRARIAN, BRANCH OR DEPARTMENT (library)
FILM LIBRARIAN (library)
LIBRARIAN (library)
BOOKMOBILE LIBRARIAN (library)
CHILDREN'S LIBRARIAN (library)
PATIENTS' LIBRARIAN (library)
YOUNG-ADULT LIBRARIAN (library)
LIBRARIAN, REFERENCE LIBRARY (library)
LIBRARIAN, SPECIAL COLLECTIONS (library)
101. **Archival Science Work**
101.168 ARCHIVIST (profess. & kin.)
11 **LAW AND JURISPRUDENCE**
119. **Law and Jurisprudence, n.e.c.**
119.168 TITLE SUPERVISOR (profess. & kin.)
14 **ART WORK**
141. **Commercial Art**
141.168 PRODUCTION MANAGER, ADVERTISING (profess. & kin.)
143. **Photography**
143.168 TELEVISION-FILM FIELD COORDINATOR (motion pic.; radio & tv broad.)
15 **ENTERTAINMENT AND RECREATION**
152. **Music**
152.168 MUSICAL PROGRAM DIRECTOR (radio & tv broad.)
153. **Athletics and Sports**
153.168 RACING SECRETARY AND HANDICAPPER (amuse. & rec.)
159. **Entertainment and Recreation, n.e.c.**
159.168 ANNOUNCER SUPERVISOR (radio & tv broad.)
ARTIST AND REPERTOIRE MAN (amuse. & rec.)
DIRECTOR (motion pic.; radio & tv broad.)
DIRECTOR, PROGRAM (radio & tv broad.) II
PRODUCTION MAN, INTERNATIONAL BROADCASTING (radio & tv broad.)
16 **ADMINISTRATIVE SPECIALTIES**
160. **Accounting and Auditing**
160.168 AUDITOR, COUNTY OR CITY (gov. ser.)
162. **Purchasing Management**
162.168 BUYER, GRAIN (grain & feed mill.; whole. tr.) I
BUYER, TOBACCO, HEAD (whole. tr.)
CLEAN-RICE MAN (grain & feed mill.)
SUPERVISOR, PROCUREMENT SERVICES (any ind.)
163. **Sales and Distribution Management**
163.168 HOME-LIGHTING-DEMONSTRATOR SUPERVISOR (light, heat, & power)
MANAGER, ADVERTISING (print & pub.)
164. **Advertising Management**
164.168 ACCOUNT EXECUTIVE (profess. & kin.)
DIRECTOR, MERCHANDISING DISPLAYS AND SPECIALTIES DEPARTMENT (paper goods)
165. **Public Relations Management**
165.168 DIRECTOR, TOURIST (gov. ser.)
166. **Personnel and Training Administration**
166.168 BENEFITS-AND-SERVICE-RECORDS SUPERVISOR (any ind.)
DIRECTOR, CAST (motion pic.)
DIRECTOR OF PLACEMENT (education)
MANAGER, EMPLOYMENT (profess. & kin.)
PORT PURSER (water trans.)
SPECIAL AGENT (insurance)
168. **Inspecting and Investigating, Managerial and Public Service**
168.168 MANAGER, CREDIT AND COLLECTION (any ind.)
REGULATORY ADMINISTRATOR (tel. & tel.)
169. **Administrative Specialties, n.e.c.**
169.168 ADMINISTRATIVE ASSISTANT (any ind.)
ADMINISTRATIVE SECRETARY (any ind.)
CHIEF CLERK (any ind.)
ORDER DEPARTMENT SUPERVISOR (any ind.)
MANAGER, COPYRIGHT (radio & tv broad.)
MANAGER, ELECTRONIC DATA PROCESSING (profess. & kin.)
MANAGER, OFFICE (any ind.)
PROPERTY-DISPOSAL OFFICER (gov. ser.)
REGISTRAR, VITAL STATISTICS (gov. ser.)
18 **MANAGERIAL WORK, N.E.C.**
180. **Agriculture, Forestry, and Fishing Management**
180.168 AIRPLANE PILOT-CONSERVATION OFFICER (gov. ser.)
ARTIFICIAL-BREEDING DISTRIBUTOR (agric.)
FIELD SUPERVISOR, SEED PRODUCTION (agric.)
GENERAL MANAGER, FARM (agric.; whole. tr.)
GROUP LEADER (agric.)
MANAGER, PRODUCTION, SEED CORN (agric.)
MIGRANT LEADER (agric.)
SUPERINTENDENT (agric.; can. & preserv.)
SUPERINTENDENT, PRODUCTION (agric.)
181. **Mining Management**
181.168 MANAGER, FIELD PARTY, GEOPHYSICAL PROSPECTING (petrol. production)
MINE FOREMAN (mining & quarrying)
SUPERINTENDENT, DRILLING AND PRODUCTION (petrol. production)
182. **Construction Management**
182.168 CONTRACTOR (const.)
ROADMASTER (r.r. trans.)
SUPERINTENDENT, CONCRETE-MIXING PLANT (const.)
SUPERINTENDENT, CONSTRUCTION (const.)
SUPERINTENDENT, MAINTENANCE OF WAY (r.r. trans.)
SUPERVISOR, BRIDGES AND BUILDINGS (r.r. trans.)
183. **Manufacturing Industry Management**
183.168 BREWMASTER (malt liquors)
CAR BUILDER, MASTER (loco. car bldg. & rep.)
GENERAL FOREMAN (any ind.) II
GENERAL FOREMAN (malt liquors)
GENERAL SUPERINTENDENT, MILLING (grain & feed mill.)
LOGGING CONTRACTOR (logging)
MANAGER, FOOD PROCESSING PLANT (can. & preserv.)
SERVICE SUPERVISOR, LEASED MACHINERY (mach. mfg.)
WINE MAKER (vinous liquors)
184. **Transportation, Communication, and Utilities Management**
184.168 CABLE FOREMAN, SUPERVISING (tel. & tel.)
DIRECTOR, OPERATIONS (radio & tv broad.)
DIRECTOR, OPERATIONS, BROADCAST (radio & tv broad.)
DIRECTOR, PROGRAM (radio & tv broad.) I
DIRECTOR, BROADCAST (radio & tv broad.) I
DIRECTOR, INTERNATIONAL PROGRAMS (radio & tv broad.)
PRODUCTION CHIEF (radio & tv broad.)
PRODUCTION CHIEF, INTERNATIONAL BROADCAST (radio & tv broad.)
DIRECTOR, SPORTS (radio & tv broad.)
DISPATCHER, CHIEF (petrol. production; petrol. refin.; pipe lines) I
FLIGHT SUPERVISOR, PHOTOGRAMMETRY (bus. ser.)
GENERAL AGENT, OPERATIONS (r.r. trans.)
INCINERATOR-PLANT-GENERAL FOREMAN (sanitary ser.)
MAINTENANCE SUPERVISOR (light, heat, & power)
184.168 Con. MANAGER, BUS TRANSPORTATION (motor trans.)
MANAGER, LOCKER PLANT (motor trans.; whole. tr.)
MANAGER, STATION (air trans.)
MANAGER, TELEGRAPH OFFICE (tel. & tel.)
MANAGER, TERMINAL (motor trans.)
MANAGER, TRAFFIC (air trans.; motor trans.; water trans.)
MANAGER, TRAFFIC (any ind.)
MANAGER, TRAFFIC (motor trans.) I
MANAGER, TRAFFIC (radio & tv broad.)
MANAGER, TRAFFIC (tel. & tel.) I
MANAGER, TRAFFIC (tel. & tel.) II
MANAGER, WAREHOUSE (any ind.)
MANAGER, CHIEF, MATERIAL (petrol. production)
PORT-TRAFFIC MANAGER (water trans.)
SERVICE SUPERVISOR (light, heat, & power)
STATION MASTER (r.r. trans.)
STATIONS-RELATIONS-CONTACT REPRESENTATIVE (radio & tv broad.)
SUPERINTENDENT, COLD STORAGE (any ind.)
SUPERINTENDENT, COMPRESSOR STATIONS (pipe lines)
SUPERINTENDENT, DISTRIBUTION (light, heat, & power) I
SUPERINTENDENT, DISTRIBUTION (light, heat, & power) II
SUPERINTENDENT, DIVISION (air trans.)
SUPERINTENDENT, DIVISION (motor trans.; r.r. trans.)
SUPERINTENDENT, ELECTRIC POWER (light, heat, & power)
OPERATION SUPERVISOR (light, heat, & power)
SUPERINTENDENT, GENERATION (light, heat, & power)
SUPERINTENDENT, SYSTEM OPERATION (light, heat, & power)
SUPERINTENDENT, TRANSMISSION (light, heat, & power)
SUPERINTENDENT, GAS PLANT (light, heat, & power)
SUPERINTENDENT, MAINTENANCE OF EQUIPMENT (motor trans.; r.r. trans.)
SUPERINTENDENT, MARINE (water trans.)
SUPERINTENDENT, MEASUREMENT (petrol. production; pipe lines)
SUPERINTENDENT, METERS (light, heat, & power)
SUPERINTENDENT, PIPE LINES (pipe lines)
SUPERINTENDENT, POWER (r.r. trans.)
SUPERINTENDENT, STATION (tel. & tel.)
SUPERINTENDENT, STATIONS (air trans.)
SUPERINTENDENT, STATIONS (motor trans.; r.r. trans.)
SUPERINTENDENT, TERMINAL (water trans.)
WHARFINGER, HEAD (petrol. refin.; pipe lines)
SUPERINTENDENT, TESTS (light, heat, & power)
ELECTRICAL-TESTS SUPERVISOR (light, heat, & power)
SUPERINTENDENT, TRANSPORTATION (any ind.)
SUPERINTENDENT, WATERWORKS (waterworks)
SUPERVISOR OF TRANSMISSION (waterworks)
SUPERVISOR OF WAY (r.r. trans.)
SUPERVISOR, TERMINAL (motor trans.)
TERMINAL-SERVICES AGENT (motor trans.)
TESTING-AND-REGULATING CHIEF (tel. & tel.)
TRAFFIC CHIEF, RADIO COMMUNICATIONS (tel. & tel.)
TRANSPORTATION-MAINTENANCE FOREMAN (any ind.)
TRANSPORTATION SUPERVISOR (gov. ser.)
WATER-AND-SEWER-SYSTEMS SUPERVISOR (waterworks)
WATERMASTER (gov. ser.)
WHARFINGER, CHIEF (water trans.)
185. **Wholesale and Retail Trade Management**
185.168 COMMISSARY MAN (any ind.)
CONCESSION SUPERVISOR (ret. tr.)
MANAGER, DENTAL-SUPPLY HOUSE (bus. ser.)
MANAGER, DISTRIBUTION WAREHOUSE (whole. tr.)
MANAGER, DOUGHNUT SHOP (whole. tr.)
MANAGER, FOOD CONCESSION (hotel & rest.)
MANAGER, FRANCHISE PROMOTION (bus. ser.)

185.168 MANAGER, MERCHANDISE (ret. tr.; whole. tr.)
Con. MANAGER, PARTS (ret. tr.; whole. tr.)
MANAGER, STORE (ret. tr.) I
MANAGER, STORE (ret. tr.) II
MANAGER, TOBACCO WAREHOUSE (whole. tr.)
SERVICE MANAGER (auto. ser.)
VENDING-STAND SUPERVISOR (gov. ser.)
WHOLESALER (whole. tr.)
CONVERTER (whole. tr.)
IMPORTER-EXPORTER (ret. tr.; whole. tr.)

186. Finance, Insurance, and Real Estate Management

186.168 BUILDING-SUPPLIES-AND-MOTOR-VEHICLE SUPERVISOR (tel. & tel.)
FOREIGN-EXCHANGE TRADER (banking)
MANAGER, APARTMENT HOUSE (hotel & rest.) I
MANAGER, HOUSING PROJECT (profess. & kin.)
MANAGER, INSURANCE OFFICE (insurance)
MANAGER, PROPERTY (real estate)
MANAGER, RENTAL DEPARTMENT (petrol. production)
MARKET MASTER (ret. tr.; whole. tr.)
OPERATIONS OFFICER (banking)
RESERVE OFFICER (banking)
SECURITIES TRADER (banking)
SUPERVISOR, CREDIT UNION (finan. inst.)

187. Service Industry Management

187.168 APPLIANCE-SERVICE SUPERVISOR (light, heat, & power)
CATERER (per. ser.)
DIRECTOR, AGRICULTURAL LABOR CAMP (profess. & kin.)
DIRECTOR, FOOD AND BEVERAGE (hotel & rest.)
DIRECTOR, FUNERAL (per. ser.)
DIRECTOR, HOBBY SHOP (amuse. & rec.)
DIRECTOR, NURSES' REGISTRY (medical ser.)
DIRECTOR, SCHOOL LUNCH PROGRAM (hotel & rest.)
DIRECTOR, VOLUNTEER SERVICES (medical ser.)
EXECUTIVE HOUSEKEEPER (hotel & rest; medical ser.)
HUNTSMAN (amuse. & rec.)
MANAGER, BARBER SHOP (per. ser.)
MANAGER, BEAUTY SHOP (per. ser.)
MANAGER, CAFETERIA OR LUNCHROOM (hotel & rest.)
MANAGER, CAMP (const.)
MANAGER, CATERING (hotel & rest.)
MANAGER, CEMETERY (per. ser.)
MANAGER, CONVENTION (hotel & rest.)
MANAGER, DANCE STUDIO (education)
MANAGER, DENTAL LABORATORY (medical ser.)
MANAGER, FRONT OFFICE (hotel & rest.)
MANAGER, GOLF CLUB (amuse. & rec.)
MANAGER, LIQUOR ESTABLISHMENT (hotel & rest.)
MANAGER, MARINE SERVICE (ship & boat bldg. & rep.; water trans.)
MANAGER, MUTUEL DEPARTMENT (amuse. & rec.)
MANAGER, RECREATION ESTABLISHMENT (amuse. & rec.)
MANAGER, FISH AND GAME CLUB (amuse. & rec.)
MANAGER, GUN CLUB (amuse. & rec.)
MANAGER, RESIDENT (hotel & rest.) I
MANAGER, RESTAURANT OR COFFEE SHOP (hotel & rest.)
MANAGER, SALES (clean., dye., & press.)
MANAGER, SERVICE DEPARTMENT (whole. tr.)
MANAGER, SKATING RINK (amuse. & rec.)

187.168 MANAGER, STORAGE GARAGE (auto. ser.)
Con. MANAGER, THEATER (amuse. & rec.)
MANAGER, TRAVELING (hotel & rest.)
MANAGER, VEHICLE LEASING AND RENTAL (auto. ser.)
MANAGER, WINTER SPORTS (amuse. & rec.)
ORGANIZER (profess. & kin.) I
PRODUCER (amuse. & rec.)
PRODUCER (motion pic.)
PRODUCER ASSISTANT (motion pic.)
PROGRAM DIRECTOR, GROUP WORK (profess. & kin.)
PROGRAM DIRECTOR, SCOUTING (nonprofit organ.)
SUPERINTENDENT, BUILDING (any ind.) II
SUPERINTENDENT, LAUNDRY (laund.)
SUPERINTENDENT, MAINTENANCE (air trans.)
SUPERINTENDENT, MAINTENANCE (motor trans.)

188. Public Administration Management

188.168 ASSESSOR-COLLECTOR, IRRIGATION TAX (gov. ser.)
BUSINESS ENTERPRISE SPECIALIST (gov. ser.)
CHIEF PROCTOR (gov. ser.)
CHIEF WARDEN (gov. ser.)
CUSTOMS AGENT (gov. ser.)
CUSTOMS COLLECTOR, ASSISTANT (gov. ser.)
CUSTOMS OFFICER (gov. ser.)
DIRECTOR, CLASSIFICATION AND TREATMENT (gov. ser.)
DIRECTOR, FINANCIAL RESPONSIBILITY DIVISION (gov. ser.)
DIRECTOR, SECURITIES AND REAL ESTATE (gov. ser.)
DIRECTOR STATE-ASSESSED PROPERTIES (gov. ser.)
ELECTION PROCEDURES ADVISOR (gov. ser.)
FEDERAL AID COORDINATOR (gov. ser.)
MANAGER, HOUSING AUTHORITY (gov. ser.)
MANAGER, RENT-CONTROL OFFICE (gov. ser.)
PARK SUPERINTENDENT (gov. ser.)
CHIEF, BOATING DIVISION (gov. ser.)
POSTMASTER (gov. ser.)
PROPERTY-UTILIZATION OFFICER (gov. ser.)
REVENUE AGENT (gov. ser.)
SUPERINTENDENT, MAILS (gov. ser.)
SUPERINTENDENT, SANITATION (gov. ser.)
UNCLAIMED PROPERTY TRUST OFFICER (gov. ser.)

189. Miscellaneous Managerial Work. n.e.c.

189.168 DIRECTOR, SERVICE (ret. tr.)
JUNIOR EXECUTIVE (any ind.)
MANAGER TRAINEE (any ind.)
SECURITY OFFICER (any ind.)
SUPERINTENDENT, MAGAZINE AREA (ammunition)
SUPERINTENDENT, MAINTENANCE (any ind.)
SUPERINTENDENT, PLANT PROTECTION (any ind.)

19 MISCELLANEOUS PROFESSIONAL, TECHNICAL, AND MANAGERIAL WORK

193. Radio Operating

193.168 CHIEF CONTROLLER (gov. ser.)
FIELD SUPERVISOR, BROADCAST (radio & tv broad.)
RADIO CHIEF (air trans.)
SUPERINTENDENT, RADIO COMMUNICATIONS (gov. ser.)

195. Social and Welfare Work

195.168 CASEWORK SUPERVISOR (profess. & kin.)
COMMUNITY ORGANIZATION WORKER (profess. & kin.)

195.168 DIRECTOR, CAMP (profess. & kin.)
Con. DIRECTOR, FIELD (nonprofit organ.)
DIRECTOR, RECREATION CENTER (profess. & kin.)
SUPERINTENDENT, RELIEF CAMP (gov. ser.)

196. Airplane Piloting and Navigating

196.168 CHIEF PILOT (air trans.)

197. Managerial and Technical Work, Water Transportation

197.168 DREDGE CAPTAIN (water trans.)
FERRYBOAT CAPTAIN (water trans.)
MASTER, PASSENGER BARGE (water trans.)
MASTER, RIVERBOAT (water trans.)
MASTER, SHIP (water trans.)
PURSER (water trans.)

198. Managerial Work, Railroad Transportation

198.168 CONDUCTOR, MIXED TRAIN (r.r. trans.)
CONDUCTOR, PASSENGER CAR (r.r. trans.)
CONDUCTOR, PULLMAN (r.r. trans.)
CONDUCTOR, ROAD FREIGHT (r.r. trans.)

29 MISCELLANEOUS MERCHANDISING WORK

292. Route Work

292.168 ROUTEMAN (print. & pub.)

31 FOOD AND BEVERAGE PREPARATION AND SERVICE

313. Cooking, Large Hotels and Restaurants

313.168 EXECUTIVE CHEF (hotel & rest.)

35 MISCELLANEOUS PERSONAL SERVICES

352. Hostess and Steward Service, n.e.c.

352.168 DIRECTOR, RECREATION (hotel & rest.; water trans.)

37 PROTECTIVE SERVICES

375. Police and Related Work, Public Service

375.168 COMMANDING OFFICER, HARBOR-POLICE (gov. ser.)
COMMANDING OFFICER, HOMICIDE SQUAD (gov. ser.)
COMMANDING OFFICER, INVESTIGATION DIVISION (gov. ser.)
COMMANDING OFFICER, MOTORCYCLE SQUAD (gov. ser.)
COMMANDING OFFICER, MOTOR EQUIPMENT (gov. ser.)
DETECTIVE CHIEF (gov. ser.)
POLICE CAPTAIN, PRECINCT (gov. ser.)

40 PLANT FARMING

406. Horticultural Specialty Work.

406.168 NURSERYMAN (agric.)

409. Plant Farming, n.e.c.

409.168 MANAGER, FARM (agric.)

41 ANIMAL FARMING

412. Poultry Farming

412.168 MANAGER, HATCHERY (agric.)

44 FORESTRY

442. Forestry Products Production, Except Logging

442.168 MANAGER, DISTRICT (forestry)
SUPERVISOR, COAST DISTRICT (forestry)

449. Forestry, n.e.c.

449.168 CHIEF CRUISER (forestry; logging)

46 AGRICULTURAL SERVICES

469. Agricultural Services, n.e.c.

469.168 CONTRACTOR, FIELD HAULING (agric.)

91 TRANSPORTATION WORK, N.E.C.

910. Railroad Transportation

910.168 PASSENGER REPRESENTATIVE (r.r. trans.)

96 AMUSEMENT, RECREATION, AND MOTION PICTURE WORK, N.E.C.

964. Theatrical and Related Entertainment Production, n.e.c.

964.168 MANAGER, STAGE (amuse. & rec.)

CONSULTATIVE AND BUSINESS SERVICES

.168; .268

Work Performed

Work activities in this group primarily involve examining methods, procedures, and problems existing in clerical, statistical, budgetary, organizational, and similar areas of concern, and recommending improvements or solutions. Typically, workers consult with clients; conduct research in order to amass complete details; evaluate the situation in relation to proven, successful programs and techniques; and present recommendations. The implementation of suggestions and findings is frequently involved.

Worker Requirements

An occupationally significant combination of: The capacity to learn and apply principles and techniques involved in subject matter areas; verbal facility and the ability to relate to people in consultation or gathering of information; numerical ability for dealing with statistical and budgetary matters; attention to detail and clerical perception for examining records and preparing reports; ability to adjust to different environments and grasp varying concepts and procedures; and organizational ability.

Clues for Relating Applicants and Requirements

Successful academic record in appropriate business administration courses.

Work experience in related fields, such as accounting, statistics, or budget.

Experience organizing extracurricular programs in school, such as charity drives, or dances.

Training and Methods of Entry

Many individuals who enter this field do so by utilizing experience gained in more specific lines of work, such as accounting or statistics. Employers generally prefer workers who have achieved a high degree of proficiency in the specific subject matter area.

A college degree in business administration is practically a necessity for entry. Some consultant firms will hire college graduates with outstanding potential on a trainee basis, and will advance them as they gain experience.

RELATED CLASSIFICATIONS

Accounting, Auditing, and Related Work (.188; .288) p. 252
Contract Negotiating and Related Work (.118; .168) p. 239
Administration (.118; .168) p. 237
Supervisory Work (Clerical, Sales, and Related Activities) (.138) p. 243
Business Training (.228) p. 241
Title and Contract Search and Analysis and Related Work (.288) p. 254

QUALIFICATIONS PROFILE

GED: 5
SVP: 7 5

Apt:	GVN	SPQ	KFM	EC
	2 2 1	3 4 1	4 4 4	5 4
	2	2	5 5 5	5

Int: 2 9
Temp: 1 4 5 0
Phys. Dem: S L 4 5 6

09 EDUCATION

096. Home Economics, Agriculture, and Related Education.

096.268 BUDGET CONSULTANT (profess. & kin.)

16 ADMINISTRATIVE SPECIALTIES

161. Budget and Management Analysis

161.268 CLERICAL TECHNICIAN (profess. & kin.)

ORGANIZATION AND METHODS EXAMINER (gov. ser.)

161.268 FILE SERVICE WORKER (bus. ser.)

Con.

166. Personnel and Training Administration

166.268 LOAN COUNSELOR (education)

169. Administrative Specialties, n.e.c.

169.168 ESTATE PLANNER (insurance)

SPECIAL AGENT, GROUP INSURANCE (insurance)

169.268 LOAN COUNSELOR (banking)

18 MANAGERIAL WORK, N.E.C.

184. Transportation, Communication, and Utilities Management

184.268 FREIGHT-TRAFFIC CONSULTANT (gov .ser.)

187. Service Industry Management

187.268 FIELD REPRESENTATIVE (nonprofit organ.)

189. Miscellaneous Managerial Work, n.e.c.

189.268 FIELD REPRESENTATIVE (profess. & kin.)

MANAGER, TECHNICAL SERVICE (profess. & kin.)

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INTERVIEWING, INFORMATION-GIVING, AND RELATED WORK (VOCATIONAL, EDUCATIONAL, AND RELATED ACTIVITIES)

.168; .268

Work Performed

Work activities in this group primarily involve interviewing individuals in order to gather pertinent information and evaluate the information and/or the individual's qualifications for a variety of considerations; and dispensing information usually relative to the correct interpretation of rules and regulations governing such matters as insurance, education, or housing.

Worker Requirements

An occupationally significant combination of: Verbal facility to converse with people at varied levels; ability to deal tactfully with people to put them at their ease and gain their confidence; numerical ability and clerical perception to avoid errors in recordkeeping and referral to written matter; ability to reason analytically and organize facts when asking and answering questions; and a neat appearance, poise, and composure.

Clues for Relating Applicants and Requirements

Part-time job as information clerk in hotel during summer months.

Expressed preference for public contact work.

Neat appearance, poise, and good verbal expression demonstrated in an interview.

Training and Methods of Entry

A college education is becoming increasingly important for entrance into work of this nature. Courses in personnel management, business administration, liberal arts, applied psychology, and sociology frequently will enable the applicant to obtain successful employment. Often, however, companies will fill positions by offering on-the-job training to personnel already employed who are familiar with company procedures.

RELATED CLASSIFICATIONS

Customer Service Work, n.e.c. (.468; .478) p. 501
Information Gathering, Dispensing, Verifying, and Related Work (.368) p. 258
Consultative and Business Services (.168; .268) p. 248

QUALIFICATIONS PROFILE

GED: 5 4
SVP: 7 5

Apt:	GVN	SPQ	KFM	EC
	2 2 3	4 4 2	4 4 3	5 5
	1 2	3	4	
		4		

Int: 2 6
Temp: 5 9
Phys. Dem: S

15 **ENTERTAINMENT AND RECREATION**
159. **Entertainment and Recreation, n.e.c.**
159.268 DIRECTOR, CASTING (motion pic.; radio & tv broad.)
16 **ADMINISTRATIVE SPECIALTIES**
166. **Personnel and Training Administration**
166.268 EMPLOYEE-OPERATIONS EXAMINER (r.r. trans.)
EMPLOYMENT INTERVIEWER (profess. & kin.) I
EMPLOYMENT INTERVIEWER (profess. & kin.) II
PERSONNEL RECRUITER (profess. & kin.)
PRISONER-CLASSIFICATION INTERVIEWER (profess. & kin.)
FIELD REPRESENTATIVE (gov. ser.)
PLACEMENT OFFICER (education)

168. **Inspecting and Investigating, Managerial and Public Service**
168.268 INTERVIEWER, HOUSING PROJECT (gov. ser.)
169. **Administrative Specialties, n.e.c.**
169.268 CLAIMS TAKER, UNEMPLOYMENT BENEFITS (gov. ser.)
HOSPITAL-INSURANCE REPRESENTATIVE (insurance)
SECRETARY, BOARD-OF-EDUCATION (education)
SUPERVISOR, SPECIAL SERVICES (education)
18 **MANAGERIAL WORK, N.E.C.**
187. **Service Industry Management**
187.168 NATIONAL SERVICE OFFICER (nonprofit organ.)

19 **MISCELLANEOUS PROFESSIONAL, TECHNICAL, AND MANAGERIAL WORK**
199. **Miscellaneous Professional, Technical, and Managerial Work, n.e.c.**
199.268 EXAMINATION PROCTOR (gov. ser.)
20 **STENOGRAPHY, TYPING, FILING, AND RELATED WORK**
204. **Correspondence Work**
204.268 POLICYHOLDERS'-INFORMATION CLERK (insurance)
24 **MISCELLANEOUS CLERICAL WORK**
249. **Miscellaneous Clerical Work, n.e.c.**
249.268 SURVEY WORKER (clerical)

ACCOUNTING, AUDITING, AND RELATED WORK

.188; .288

Work Performed

Work activities in this group primarily involve the application of the principles of accounting, cost analysis, and statistical analysis to problems of fiscal management, auditing, and the like. Typically, workers are engaged in devising accounting systems and procedures; appraising assets and evaluating costing methods, investment programs, and monetary risks and rates; and preparing statistical tabulations and diagrams and financial reports, statements, and schedules for use by management.

Worker Requirements

An occupationally significant combination of: Ability to concentrate for long periods; good vocabulary and verbal expression; organizational ability; speed and accuracy in making numerical determinations; memory for detail; and the ability to understand the principles of accounting, statistics, and fiscal management.

Clues for Relating Applicants and Requirements

Level of attainment in language and mathematics as indicated by scores on aptitude tests and grades in educational courses.

Interest in working with numbers.

Interest in business activities.

Positions held (treasurer) in social and other organizations.

Training and Methods of Entry

A bachelor's degree in accounting and business administration is usually the minimum requirement for entrance into this work.

Adequate academic preparation should include courses in all phases of accounting and statistics, industrial and personnel management, marketing techniques, money and banking, investments, and insurance. Individuals with a degree qualify for many beginning jobs in budgeting, cost accounting, sales, or marketing, either in Government or private industry.

Positions entailing a degree of responsibility are usually reserved for those who have obtained a CPA (certified public accountant) certificate by passing rigorous examinations and meeting the educational and experience requirements prescribed by law in each State. Although most States require a college degree and 2 years of experience, requirements do vary and information on registration and certification should be obtained directly from the State board of accountancy in the State where the individual plans to practice.

RELATED CLASSIFICATIONS

Administration (.118; .168) p. 237
Computing and Related Recording (.388; .488) p. 280
Consultative and Business Services (.168; .268) p. 248

QUALIFICATIONS PROFILE

GED: 5
SVP: 7 8

Apt:	GVN	SPQ	KFM	EC
	1 2 1	4 4 2	4 4 4	5 5
	2 1 2		3 3 3	

Int: 1 7 9
Temp: 4 9 0 Y
Phys. Dem: S 4 6

16 ADMINISTRATIVE SPECIALTIES

160. Accounting and Auditing

160.188 ACCOUNTANT (profess. & kin.)
ACCOUNTANT, BUDGET (profess. & kin.)
ACCOUNTANT, COST (profess. & kin.)
ACCOUNTANT, MACHINE PROCESSING (profess. & kin.)
ACCOUNTANT, PROPERTY (profess. & kin.)
ACCOUNTANT, SYSTEMS (profess. & kin.)
ACCOUNTANT, TAX (profess. & kin.)
AUDITOR (profess. & kin.)
AUDITOR, INTERNAL (profess. & kin.)

160.188 Con. BURSAR (education))

160.288 CREDIT ANALYST, CHIEF (banking)
DIRECTOR, UTILITY ACCOUNTS (gov. ser.)

161. Budget and Management Analysis

161.188 VALUATION ENGINEER (profess. & kin.)
RATE ENGINEER (profess. & kin.)

162. Purchasing Management

162.188 PURCHASE PRICE ANALYST (profess. & kin.)

169. Administrative Specialties, n.e.c.

169.188 COST ENGINEER, RETIREMENTS (light, heat, & power)
UNDERWRITER (insurance)

18 MANAGERIAL WORK, N.E.C.

186. Finance, Insurance, and Real Estate Management

186.288 LOAN OFFICER (banking)

188. Public Administration Management

188.188 ASSESSOR (gov. ser.)

19 MISCELLANEOUS PROFESSIONAL, TECHNICAL, AND MANAGERIAL WORK

191. Business Relations Work, n.e.c.

191.288 APPRAISER (any ind.)

TITLE AND CONTRACT SEARCH AND ANALYSIS AND RELATED WORK

.288

Work Performed

Work activities in this group primarily involve examining, authenticating, and preparing such legal and business documents as titles, contracts, mortgages, and liens.

Work Requirements

An occupationally significant combination of: The ability to acquire the necessary understanding of official or legal business terminology and documentary regulations; organizational and analytical ability for scanning documents, deriving pertinent points, and recording conclusions; and good reading comprehension and speed.

Clues for Relating Applicant and Requirements

Level of attainment in language and reasoning ability as indicated by scores on aptitude tests and grades in educational courses.

Clear, coherent speech or writing.

Expressed preference for research work.

Training and Methods of Entry

Entry into this kind of work frequently requires the completion of coursework in law or business and familiarity with the specific type of activity involved. A college degree or considerable college or night school coursework with an emphasis on business or the law provides excellent preparation for entry. Employers will often consider the individual who has achieved a high degree of proficiency at less complex work in the same activity, provided he has been exposed to documentary terminology and regulations.

RELATED CLASSIFICATIONS

Legal and Related Work (.108; .118; .168) p. 425
Investigating, Protecting, and Related Work (.168; .268) p. 416
Technical Writing and Related Work (.188; .288) p. 387
Translating, Editing, and Related Work (.288) p. 528
Classifying, Filing, and Related Work (.388) p. 276

QUALIFICATIONS PROFILE

GED: 5
SVP: 7 6

Apt:	GVN	SPQ	KFM	EC
	2 1 3	4 4 2	4 4 4	5 5
	1 2 2			3

Int: 2 6
Temp: 9 0
Phys. Dem S 6

10 **MUSEUM, LIBRARY, AND ARCHIVAL SCIENCES**

100. **Library Work**

100.288 ACQUISITIONS LIBRARIAN (library)

11 **LAW AND JURISPRUDENCE**

119. **Law and Jurisprudence, n.e.c.**

119.288 ABSTRACTOR (profess. & kin.) I
CONTRACT CLERK (profess. & kin.)
LAW CLERK (profess. & kin.)

119.288 TITLE EXAMINER (profess. & kin.) I
Con.

16 **ADMINISTRATIVE SPECIALTIES**

162. **Purchasing Management**

162.288 TITLE CLERK (petrol. production; petrol. refin.; pipe lines)

168. **Inspecting and Investigating, Managerial and Public Service**

168.288 CLAIM EXAMINER (insurance) I
PATENT EXAMINER (gov. ser.)

18 **MANAGERIAL WORK, N.E.C.**

184. **Transportation, Communication, and Utilities Management**

184.288 SUPERVISOR, LEASED EQUIPMENT (motor trans.)

20 **STENOGRAPHY, TYPING, FILING, AND RELATED WORK**

205. **Personnel Work**

205.288 AGENT-CONTRACT CLERK (insurance)

CORRESPONDING AND RELATED WORK

.288; .388

Work Performed

Work activities in this group primarily involve preparing correspondence, reports, forms, and other documents, and examining, editing, and recording verbal information or written material.

Worker Requirements

An occupationally significant combination of: Facility with language and a good vocabulary; attention to detail; application of precise standards, techniques, and mechanics of good grammar, spelling, and punctuation; and ability to organize data in logical sequence when composing correspondence and other material.

Clues for Relating Applicants and Requirements

Good vocabulary during interview.

Good grades in appropriate courses, such as business and English.

Experience as corresponding secretary in school or community organizations.

Training and Methods of Entry

Entry into this kind of work usually requires high school graduation and completion of several semesters of college with emphasis on courses in English grammar and composition.

Entry is frequently accomplished by advancement or transfer from clerical positions wherein individuals have become familiar with correspondence techniques as a result of continual exposure.

RELATED CLASSIFICATIONS

Journalism and Editorial Work (.018; .038; .068) p. 522
Creative Writing (.088) p. 524
Classifying, Filing, and Related Work (.388) p. 276
Information Gathering, Dispensing, Verifying, and Related Work (.368) p. 258
Translating, Editing, and Related Work (.288) p. 528

QUALIFICATIONS PROFILE

GED: 5 4
SVP: 7 6 8

Apt:	GVN	SPQ	KFM	EC
	2 2 3	4 4 3	4 4 4	5 5
	1 4	4		4

Int: 6 2
Temp: 9 Y
Phys. Dem: S 6 5

20 STENOGRAPHY, TYPING, FILING, AND RELATED WORK

204. Correspondence Work

204.288 CORRESPONDENCE CLERK (clerical)
204.388 SALES CORRESPONDENT (any ind.)

209. Stenography, Typing, Filing, and Related Work, n.e.c.

209.388 SPECIAL-CERTIFICATE DICTATOR (insurance)

24 MISCELLANEOUS CLERICAL WORK

240. Collecting

240.388 COLLECTION CLERK (clerical)
TRUST-COLLECTION CLERK (banking)

249. Miscellaneous Clerical Work, n.e.c.

249.288 CUSTOMS CLERK (gov. ser.)
249.388 FORMS ANALYST (clerical)
LOAN CLOSER (finan. inst.; real estate)
TOWN CLERK (gov. ser.)

INFORMATION GATHERING, DISPENSING, VERIFYING, AND RELATED WORK

.368

Work Performed

Work activities in this group primarily involve collecting information, checking it for accuracy or consistency, and/or relating or otherwise dispensing it to interested parties. Carrying out prescribed actions in relation to the information is occasionally involved. The information is usually obtained or verified by personal or telephone interview, or by observation, and dispensed in response to or in acticipation of direct or indirect inquiries. The performance of clerical tasks, such as recordkeeping, is frequently involved.

Worker Requirements

An occupationally significant combination of: Verbal facility and the ability to relate to people in order to tactfully acquire information and create a good impression in answering inquiries; exactness and attention to detail in reviewing records and avoiding errors; numerical ability for situations involving accounts and numerical records; and a liking for public contact work.

Clues for Relating Applicants and Requirements

Volunteer work answering questions on voter requirements during political campaign.

Success in public speaking courses in high school.

Part-time work gathering personal data on registration cards at school.

Training and Methods of Entry

A high school education with emphasis on commercial courses is usually sufficient qualification for entry into this work. Some employers prefer applicants with some college or night school education. Entry by means of advancement from a clerical position is a frequent occurrence. In all cases, such personal characteristics as speaking ability, tactfulness, and appearance are considered carefully. An individual entering this field is usually given a period of on-the-job training under the supervision of an experienced worker.

RELATED CLASSIFICATIONS

Interviewing, Information-Giving, and Related Work (Vocational, Educational, and Related Activities) (.168; .268) p. 250

Consultative and Business Services (.168; .268) p. 248

Facilities, Services, and Movement Allocating and Expediting Work (.368) p. 265

Classifying, Filing, and Related Work (.388) p. 276

Computing and Related Recording (.388; .488) p. 280

QUALIFICATIONS PROFILE

GED: 3 4

SVP: 3 4 5 6

Apt:	GVN	SPQ	KFM	EC
	3 2 3	4 4 2	4 4 4	4 5
	3 4	5 5 3		

Int: 2 6

Temp: 5 9 0

Phys. Dem: L 4 5

09 **EDUCATION**
099. **Education, n.e.c.**
099.368 STUDY SUPERVISOR (education)
10 **MUSEUM, LIBRARY, AND ARCHIVAL SCIENCES**
109. **Museum, Library, and Archival Sciences, n.e.c.**
109.368 BOOKMOBILE DRIVER (library)
REGISTRATION CLERK (library)
15 **ENTERTAINMENT AND RECREATION**
152. **Music**
152.368 PROMPTER (amuse. & rec.)
16 **ADMINISTRATIVE SPECIALTIES**
168. **Inspecting and Investigating, Managerial and Public Service**
168.368 ATTENDANCE OFFICER (education)
TITLE CLERK (gov. ser.)
19 **MISCELLANEOUS PROFESSIONAL, TECHNICAL, AND MANAGERIAL WORK**
191. **Business Relations Work, n.e.c.**
191.368 PERSONAL PROPERTY FIELD MAN (gov. ser.)
195. **Social and Welfare Work**
195.368 MANAGEMENT AID (profess. & kin.)
20 **STENOGRAPHY, TYPING, FILING, AND RELATED WORK**
205. **Personnel Work**
205.368 ADMISSIONS EVALUATOR (education)
EMPLOYMENT CLERK (clerical)
INVESTIGATOR (any ind.)
PERSONNEL CLERK (clerical)
IDENTIFICATION CLERK (clerical)
SOCIAL SECURITY CLERK (clerical)
SUPERVISOR, CONTINGENTS (ret. tr.)
TEST TECHNICIAN (clerical)
209. **Stenography, Typing, Filing, and Related Work, n.e.c.**
209.368 CALL-OUT OPERATOR (bus. ser.; ret. tr.)
EVALUATOR (clerical)
IN-FILE OPERATOR (bus. ser.)
21 **COMPUTING AND ACCOUNT RECORDING**
210. **Bookkeeping**
210.368 ACCOUNT-INFORMATION CLERK (light, heat, & power)
210.368 INSURANCE CLERK (medical ser.)
Con.
219. **Computing and Account Recording, n.e.c.**
219.368 BROKERAGE CLERK (finan. inst.) II
22 **MATERIAL AND PRODUCTION RECORDING**
223. **Stock Checking and Related Work**
223.368 PROCUREMENT CLERK (clerical)
23 **INFORMATION AND MESSAGE DISTRIBUTION**
230. **Messenger and Related Work**
230.368 TELEGRAPH MESSENGER (tel. & tel.) II
237. **Reception and Information Dispensing Work**
237.368 ADMITTING OFFICER (medical ser.) I
APPOINTMENT CLERK (clerical)
INFORMATION CLERK (clerical)
PAY-STATION ATTENDANT (clerical)
INFORMATION CLERK (motor trans.; r.r. trans.)
OUTPATIENT-ADMITTING CLERK (medical ser.)
RECEPTIONIST (clerical) I
HOSPITAL-ADMITTING CLERK (medical ser.)
REGISTRAR (gov. ser.)
REGISTRATION CLERK (gov. ser.) II
239. **Information and Message Distribution, n.e.c.**
239.368 COUNTER CLERK (tel. & tel.)
MAIL-DISTRIBUTION-SCHEME EXAMINER (gov. ser.)
MANAGER, TRAFFIC (motor trans.) II
PLACER (insurance)
WEATHER CLERK (air trans.)
24 **MISCELLANEOUS CLERICAL WORK**
240. **Collecting**
240.368 COLLECTOR (clerical)
REPOSSESSOR (clerical)
COLLECTOR, OVERDUE MATERIAL (library)
TRACER (clerical) I
241. **Adjusting**
241.368 ADJUSTMENT CLERK (clerical)
LOSS-OF-CLAIM CLERK (insurance)
OUTSIDE-CONTACT CLERK (light, heat, & power)
242. **Hotel Desk Work, n.e.c.**
242.368 TRAVEL CLERK (hotel & rest.)
243. **Clerical Work, Direct Service, n.e.c.**
243.368 CALL CLERK (gov. ser.)
LOST-AND-FOUND CLERK (clerical)
243.368 LOST-AND-FOUND CLERK (motor trans.)
Con. MORTGAGE CLOSING CLERK (clerical)
TELEPHONE-QUOTATION CLERK (finan. inst.)
249. **Miscellaneous Clerical Work, n.e.c.**
249.368 CLAIMS CLERK (insurance)
CLERK, ELECTORAL (gov. ser.)
COUNTER CLERK (print. & pub.)
COURT CLERK (gov. ser.)
CREDIT CLERK (clerical) I
CREDIT REPORTER (bus. ser.)
DEPOSIT CLERK (light, heat, & power)
FARM CHECKER (gov. ser.)
FINGERPRINT CLERK (gov. ser.) I
LIBRARY ASSISTANT (library)
LICENSE CLERK (gov. ser.)
LOAN OFFICER (banking; finan. inst.)
NEW-ACCOUNT CLERK (clerical)
CONTRACT CLERK (light, heat, & power; tel. & tel.)
NEW-ACCOUNTS TELLER (banking)
ORDER CLERK (clerical) II
RELIGIOUS-AFFAIRS CLERK (nonprofit organ.)
SAFE-DEPOSIT CLERK (banking)
34 **AMUSEMENT AND RECREATION SERVICES**
349. **Amusement and Recreation Services, n.e.c.**
349.368 KENNEL MASTER (amuse. & rec.)
35 **MISCELLANEOUS PERSONAL SERVICES**
353. **Guide Service, Except Hunting and Fishing**
353.368 ATTENDANT, TRAVELING DISPLAY (any ind.)
GUIDE (per. ser.)
GUIDE, ESTABLISHMENT (any ind.)
GUIDE, FACTORY (any ind.)
GUIDE, SIGHTSEEING (per. ser.)
PAGE BOY (radio & tv broad.)
91 **TRANSPORTATION WORK, N.E.C.**
919. **Miscellaneous Transportation Work, n.e.c.**
919.368 TRAFFIC CHECKER (gov. ser.)
96 **AMUSEMENT, RECREATION, AND MOTION PICTURE WORK, N.E.C.**
963. **Radio and Television Production, n.e.c.**
963.368 SCRIPT ASSISTANT (amuse. & rec.)

CLERICAL WORK

		Page
.138	Supervisory Work (Clerical, Sales, and Related Activities) *see under* BUSINESS RELATIONS	243
.168	Scheduling, Dispatching, Expediting, and Related Work	261
.268, .368	Secretarial and Related Work	263
.288, .388	Corresponding and Related Work *see under* BUSINESS RELATIONS	256
.368	Facilities, Services, and Movement Allocating and Expediting Work	265
.368	Information Gathering, Dispensing, Verifying, and Related Work *see under* BUSINESS RELATIONS	258
.368	Paying and Receiving (Banks and Other Establishments)	267
.468	Cashiering (Drug Stores, Theaters, Restaurants, and Related Establishments)	269
.382, .384, .387, .484, .487	Inspecting and Stock Checking	271
.382, .582	Typesetting, Reproducing, and Related Machine Work	274
.388	Classifying, Filing, and Related Work	276
.388	Stenographic and Related Work	278
.388, .488	Computing and Related Recording	280
.484, .485, .487, .584, .585, .587, .683, .684, .685, .687	Sorting, Inspecting, Measuring, and Related Work	282
.588	Typing and Related Recording	287
.588, .688	Routine Checking and Recording	289
.862	Switchboard Service	291

SCHEDULING, DISPATCHING, EXPEDITING, AND RELATED WORK
.168

Work Performed

Work activities in this group primarily involve planning, coordinating, and expediting movement, activities, operations, and/or procedures inherent in the effectiveness of a variety of endeavors ranging from transportation and communications to production and recreation. Workers usually prepare schedules or itineraries and insure that they are followed.

Worker Requirements

An occupationally significant combination of: Ability to understand procedures and regulations and apply them to coordinate specific activities; ability to orally communicate technical or operational information and to prepare written reports; ability to evaluate and choose from among alternate courses of action; spatial perception; organizational ability to plan and direct a variety of activities; ability to assume responsibilities involving a number of simultaneous activities; clerical perception and numerical ability to keep accurate records and to detect errors in schedules or tabulations.

Clues for Relating Applicants and Requirements

Success in pertinent schoolwork that indicates good reasoning ability.

Experience in making travel arrangements and issuing equipment as manager of school football team.

Experience in preparing itineraries for community recreational activities.

Training and Methods of Entry

A period of time ranging up to 4 years is generally necessary for an individual to become thoroughly familiar with problems, techniques, and regulations involved in this type of work. Entry positions are commonly filled by promotion or reassignment from within. A limited amount of training is available through correspondence schools and schools offering night classes related to dispatching and production scheduling.

RELATED CLASSIFICATIONS

Transportation Service Work (.363; .364; .463) p. 519
Routine Checking and Recording (.588; .688) p. 289
Facilities, Services, and Movement Allocating and Expediting Work (.368) p. 265
Managerial Work (.168) p. 245

QUALIFICATIONS PROFILE

GED: 4
SVP: 7 6

Apt:	GVN	SPQ	KFM	EC
	2 3 3	4 4 3	4 4 4	5 5
	2 2	3 2		4

Int: 2 9
Temp: 4 5
Phys. Dem: S 5 4

16 **ADMINISTRATIVE SPECIALTIES**
169. **Administrative Specialties, n.e.c.**
169.168 LABORATORY ASSISTANT, LIAISON INSPECTION (iron & steel)
18 **MANAGERIAL WORK, N.E.C.**
184. **Transportation, Communication, and Utilities Management**
184.168 FLOAT MASTER (water trans.)
TRAFFIC INSPECTOR (motor trans.; r.r. trans.)
TRAIN DISPATCHER (r.r. trans.)
YARDMASTER (r.r. trans.)
187. **Service Industry Management**
187.168 EDITOR, NEWS REEL (motion pic.)
19 **MISCELLANEOUS PROFESSIONAL, TECHNICAL, AND MANAGERIAL WORK**
193. **Radio Operating**
193.168 AIR-TRAFFIC-CONTROL SPECIALIST, STATION (gov. ser.)
AIR-TRAFFIC-CONTROL SPECIALIST, TOWER (gov. ser.)
AIR-TRAFFIC COORDINATOR (gov. ser.)
CONTROL SUPERVISOR, JUNIOR (radio & tv broad.)
CONTROL SUPERVISOR, SENIOR (radio & tv broad.)
20 **STENOGRAPHY, TYPING, FILING, AND RELATED WORK**
205. **Personnel Work**
205.168 TRAVEL CLERK (gov. ser.)
22 **MATERIAL AND PRODUCTION RECORDING**
221. **Clerical Work, Production**
221.168 MATERIAL COORDINATOR (any ind.)
METAL-FLOW COORDINATOR (nonfer. metal alloys)
PRODUCTION CLERK, PAPERBOARD PRODUCTS (paper goods)
PRODUCTION COORDINATOR (clerical)
SPARES SCHEDULER (clerical)
221.168 TOWER-CONTROL MAN (auto. ser.)
Con.
23 **INFORMATION AND MESSAGE DISTRIBUTION**
237. **Reception and Information Dispensing Work**
237.168 TRAVEL COUNSELOR (nonprofit organ.)
24 **MISCELLANEOUS CLERICAL WORK**
249. **Miscellaneous Clerical Work, n.e.c.**
249.168 COPY CUTTER (print. & pub.)
LABOR EXPEDITER (const.)
35 **MISCELLANEOUS PERSONAL SERVICES**
353. **Guide Service, Except Hunting and Fishing**
353.168 GUIDE, ALPINE (per. ser.)
GUIDE, TRAVEL (per. ser.)
37 **PROTECTIVE SERVICES**
379. **Protective Services, n.e.c.**
379.168 ALARM OPERATOR (gov. ser.)
52 **PROCESSING FOOD AND RELATED PRODUCTS**
529. **Processing Food and Related Products, n.e.c.**
529.168 FRUIT COORDINATOR (can. & preserv.)
91 **TRANSPORTATION WORK, N.E.C.**
910. **Railroad Transportation**
910.168 CAR CHASER (malt liquors)
CAR CLERK, PULLMAN (r.r. trans.)
DIRECTOR, TRAIN (r.r. trans.)
911. **Water Transportation**
911.168 SUPERCARGO (water trans.)
912. **Air Transportation**
912.168 DISPATCHER (air trans.) I
SCHEDULE ANALYST (air trans.)
913. **Passenger Transportation, n.e.c.**
913.168 BUS DISPATCHER, INTERSTATE (motor trans.)
DISPATCHER, BUS AND TROLLEY (motor trans.)
SCHEDULE MAKER (motor trans.; r.r. trans.)
TAXICAB STARTER (motor trans.)
914. **Pumping and Pipeline Transportation**
914.168 DISPATCHER, CHIEF (petrol. production; petrol. refin.; pipe lines) II
DISPATCHER, OIL (petrol. production; petrol. refin.; pipe lines)
919. **Miscellaneous Transportation Work, n.e.c.**
919.168 DISPATCHER, MOTOR VEHICLE (clerical)
DISPATCHER, TRAFFIC OR SYSTEM (motor trans.; r.r. trans.)
93 **EXTRACTION OF MINERALS**
932. **Loading and Conveying**
932.168 DISPATCHER (mining & quarrying)
939. **Extraction of Minerals, n.e.c.**
939.168 CONTROL MAN (mining & quarrying)
95 **PRODUCTION AND DISTRIBUTION OF UTILITIES**
950. **Stationary Engineering**
950.168 LOAD DISPATCHER (light, heat, & power)
952. **Generation, Transmission, and Distribution of Electric Light and Power**
952.168 DISPATCHER, SERVICE OR WORK (light, heat, & power)
953. **Production and Distribution of Gas**
953.168 GAS DISPATCHER (light, heat, & power; petrol. production; petrol. refin.; pipe lines)
957. **Transmission of Communications, n.e.c.**
957.168 DISPATCHER (tel. & tel.) I
959. **Production and Distribution of Utilities, n.e.c.**
959.168 DISPATCHER, SERVICE (light, heat, & power)
96 **AMUSEMENT, RECREATION, AND MOTION PICURE WORK, N.E.C.**
963. **Radio and Television Production, n.e.c.**
963.168 PRODUCTION MAN (radio & tv broad.)
PROGRAM ASSISTANT (radio & tv broad.)
SPECIAL-EVENTS MAN (radio & tv broad.)
964. **Theatrical and Related Entertainment Production, n.e.c.**
964.168 PROPERTY MAN (amuse. & rec.)

SECRETARIAL AND RELATED WORK

.268; .368

Work Performed

Work activities in this group primarily involve performing such clerical tasks as taking dictation and typing, and assuming minor executive duties which relieve organizational officials from these responsibilities. The basic duties are taking dictation either by hand or shorthand machine and transcribing by typewriter from these notes or from a recording played on a transcribing machine. Other duties include making and reminding executives of appointments, interviewing and screening office visitors, answering and making telephone calls, and reading and writing routine correspondence.

Worker Requirements

An occupationally significant combination of: Facility with words; the ability to successfully perform work of a detailed nature and avoid errors; diplomacy and tact in dealing with people; an interest in meeting different kinds of people and the ability to adapt to fluctuating situations; form perception to perceive differences in shorthand symbols; and motor coordination and finger dexterity for some office machines.

Clues for Relating Applicants and Requirements

Success in high school commercial course.
Poise, good grooming, and tasteful manner of dressing exhibited in interview.
Pleasant personality and speaking voice.
Part-time work experience as receptionist.
Expressed preference for public contact work.

Training and Methods of Entry

A broad educational background is of considerable value to a person who wishes to gain entry. Completion of a business course in high school or commercial college, demonstrated ability in office skills, and such personal qualifications as conscientiousness, discretion, and a pleasant personality are most important. Additional education in night schools and college work in secretarial studies is very often required for most responsible positions. Some employers require a knowledge of the terminology of a particular field, such as medicine, law, or engineering.

Workers frequently start with basic typing or stenographic positions and advance to secretarial jobs when they have acquired the necessary background and training. Some schools conduct cooperative work-study programs through which students gain job experience before graduation.

RELATED CLASSIFICATIONS

Stenographic and Related Work (.388) p. 278
Typing and Related Recording (.588) p. 287
Corresponding and Related Work (.288; .388) p. 256
Information Gathering, Dispensing, Verifying, and Related Work (.368) p. 258
Interviewing, Information-Giving, and Related Work (Vocational, Educational, and Related Activities) (.168; .268) p. 250

QUALIFICATIONS PROFILE

GED: 4
SVP: 6

Apt:	GVN	SPQ	KFM	EC
	223	422	23˙3	54
				5

Int: 2 6
Temp: 1 5 9
Phys. Dem: S 4 5 6

20 **STENOGRAPHY, TYPING, FILING, AND RELATED WORK**

201. **Secretarial Work**

201.268 SOCIAL SECRETARY (clerical)
201.368 SECRETARY (clerical)
LEGAL SECRETARY (clerical)
MEDICAL SECRETARY (clerical)

96 **AMUSEMENT, RECREATION, AND MOTION PICTURE WORK, N.E.C.**

969. **Miscellaneous Amusement, Recreation, and Motion Picture Work, n.e.c.**

969.368 SCRIPT CLERK (motion pic.)

FACILITIES, SERVICES, AND MOVEMENT ALLOCATING AND EXPEDITING WORK

.368

Work Performed

Work activities in this group primarily involve allocating and insuring the expeditious or proper utilization of personnel, equipment, supplies, services, or facilities for specific purposes according to predetermined schedules, priorities, and procedures.

Worker Requirements

An occupationally significant combination of: Ability to become thoroughly familiar with established rules and guidelines governing work situation; ability to communicate orally to transmit instructions and information; clerical preception to avoid errors in reading tabular information and in keeping accurate records; ability to adjust to fluctuating circumstances; ability to relate to people; and reliability.

Clues for Relating Applicants and Requirements

Preference for "white collar" work.

Demonstrated ability to follow instructions and guidelines.

Training and Methods of Entry

Employers commonly fill positions in this field by promoting employees from within the organization. It usually takes 3 months to 1 year to become familiar with guidelines and procedures as they occur in different commercial and industrial enterprises. Persons with general clerical training or experience may gain entry into trainee positions.

RELATED CLASSIFICATIONS

Scheduling, Dispatching, Expediting, and Related Work (.168) p. 261
Classifying, Filing, and Related Work (.388) p. 276
Routine Checking and Recording (.588; .688) p. 289

QUALIFICATIONS PROFILE

GED: 3 4
SVP: 5 4 3

Apt:	GVN	SPQ	KFM	EC
	3 3 3	4 4 3	4 4 4	5 5
	4		3 3 3	4

Int: 2 3 9
Temp: 1 5
Phys. Dem: S L 4 5

21 **COMPUTING AND ACCOUNT RECORDING**
219. **Computing and Account Recording, n.e.c.**
219.368 FLOORMAN (motor trans.)
22 **MATERIAL AND PRODUCTION RECORDING**
221. **Clerical Work, Production**
221.368 LINE-UP MAN (auto. mfg.) I
222. **Clerical Work, Shipping and Receiving**
222.368 BOOKING CLERK (water trans.)
EXPEDITER (clerical) I
TRACER (motor trans.; r.r. trans.)
223. **Stock Checking and Related Work**
223.368 MANAGER, FLOOR (whole. tr.)
229. **Material and Production Recording, n.e.c.**
229.368 DISPATCHER, MAINTENANCE (clerical)
24 **MISCELLANEOUS CLERICAL WORK**
242. **Hotel Desk Work, n.e.c.**
242.368 HOTEL CLERK (hotel & rest.)
243. **Clerical Work, Direct Service, n.e.c.**
243.368 SERVICE CLERK (clerical) I
WORK-ORDER-SORTING CLERK (light, heat, & power)
249. **Miscellaneous Clerical Work, n.e.c.**
249.368 RECONSIGNMENT CLERK (r.r. trans.)
RESERVATION CLERK (clerical) I
TRACER CLERK (clerical)
29 **MISCELLANEOUS MERCHANDISING WORK**
296. **Shopping**
296.368 CAR LOCATOR (ret. tr.)
299. **Miscellaneous Merchandising Work, n.e.c.**
299.368 CUSTOMER-SERVICE SPECIALISTS (ret. tr.)
DISTRICT CIRCULATOR (print. & pub.)
34 **AMUSEMENT AND RECREATION SERVICES**
340. **Bowling Alley and Billiard Parlor Services**
340.368 DESKMAN, BOWLING FLOOR (amuse. & rec.)
341. **Golf Course, Tennis Court, and Skating Rink, and Related Services.**
341.368 RECREATION-FACILITY ATTENDANT (amuse. & rec.)
349. **Amusement and Recreation Services, n.e.c.**
349.368 RECEIVING-BARN CUSTODIAN (amuse. & rec.)
35 **MISCELLANEOUS PERSONAL SERVICES**
350. **Ship Steward Service**
350.368 STEWARD, LIBRARY (water trans.)
37 **PROTECTIVE SERVICES**
379. **Protective Services, n.e.c.**
379.368 DISPATCHER, RADIO (gov. ser.)
80 **METAL FABRICATING, N.E.C.**
806. **Transportation Equipment Assembling and Related Work**
806.368 UTILITY MAN, LINE ASSEMBLY (auto. mfg.)
91 **TRANSPORTATION WORK, N.E.C.**
910. **Railroad Transportation**
910.368 CAR DISTRIBUTOR (r.r. trans.)
ENGINE DISPATCHER (r.r. trans.)
RAILWAY-EXPRESS CLERK (r.r. trans.)
MONEY CLERK (r.r. trans.)
910.368 RESERVATION CLERK (r.r. trans.)
911. **Water Transportation**
Con.
911.368 BAGGAGEMASTER (water trans.)
CLERK AND DISPATCHER, PILOT STATION (water trans.)
DISPATCHER, TUGBOAT (water trans.)
912. **Air Transportation**
912.368 AIRPLANE-DISPATCH CLERK (air trans.)
FLIGHT-INFORMATION EXPEDITER (air trans.)
RESERVATION AGENT (air trans.)
TRANSPORTATION AGENT (air trans.)
CARGO AGENT (air trans.)
913. **Passenger Transportation n.e.c.**
913.368 ASSIGNMENT CLERK (motor trans.)
914. **Pumping and Pipeline Transportation**
914.368 DISPATCHER, RELAY (pipe lines)
919. **Miscellaneous Transportation Work, n.e.c.**
919.368 DISPATCHER, CAR RENTAL (auto. ser.)
TICKET AGENT (any ind.)
93 **EXTRACTION OF MINERALS**
939. **Extraction of Minerals, n.e.c.**
939.368 DISPATCHER, OIL WELL SERVICES (petrol. production)
95 **PRODUCTION AND DISTRIBUTION OF UTILITIES**
954. **Filtration, Purification, and Distribution of water**
954.368 WATER-SERVICE DISPATCHER (waterworks)
957. **Transmission of Communications, n.e.c.**
957.368 ASSIGNMENT CLERK (tel. & tel.)

PAYING AND RECEIVING (BANKS AND OTHER ESTABLISHMENTS)

.368

Work Performed

Work activities in this group primarily involve receiving funds from people in such establishments as banks, credit unions, and loan agencies, and recording the monetary transactions incidental to the conduct of business.

Worker Requirements

An occupationally significant combination of: Ability to learn and apply bookkeeping procedures; accuracy, rapidity, and attention to detail when exchanging money and recording transactions; manual and finger dexterity to operate calculating machines; tact, courtesy, honesty, a neat appearance, a good memory, and affability.

Clues for Relating Applicants and Requirements

Preference for working in a bank or other monetary establishment.

Good scores in commercial, clerical, and business courses in high school.

Part-time experience selling tickets to high school football games in stadium booth.

Training and Methods of Entry

A high school education is adequate preparation to satisfy the requirements of most employers. Individuals with experience in bookkeeping or commercial courses who have the ability to operate calculating machines are preferred. In most cases, on-the-job training under the observance of experienced workers is provided.

RELATED CLASSIFICATIONS

Accounting, Auditing and Related Work (.188; .288) p. 252
Computing and Relating Recording (.388; .488) p. 280
Cashiering (Drug Stores, Theaters, Restaurants, and Related Establishments) (.468) p. 269
Customer Service Work, n.e.c. (.468; .478) p. 501
Routine Checking and Recording (.588; .688) p. 289

QUALIFICATIONS PROFILE

GED: 4
SVP: 5

Apt:	GVN	SPQ	KFM	EC
	2 2 2	4 3 2	2 2 3	5 4
	3	3	3 3	

Int: 2 3
Temp: 5
Phys. Dem: S L

21 **COMPUTING AND ACCOUNT RECORDING**

211. Cashiering
211.368 CASHIER (clerical) I

212. Teller Service
212.368 TELLER (banking)
TELLER, COLLECTION AND EXCHANGE (banking)
TELLER, NOTE (banking)

23 **INFORMATION AND MESSAGE DISTRIBUTION**

232. Clerical Work, Post Office
232.368 POST-OFFICE CLERK (clerical)
POST-OFFICE CLERK (gov. ser.)

CASHIERING (DRUG STORES, THEATERS, RESTAURANTS, AND RELATED ESTABLISHMENTS)

.468

Work Performed

Work activities in this group primarily involve paying and receiving money or its equivalent and keeping records of receipts and expenditures. Typically, workers are employed behind cash registers in such establishments as drug stores, theaters, restaurants, and amusement parks, and are engaged in collecting money, making change, cashing checks, recording details of transactions, verifying cash on hand against bills and receipts, balancing daily accounts, and giving information to patrons.

Worker Requirements

An occupationally significant combination of: Ability to work with figures and to learn simple bookkeeping procedures; finger dexterity; tact and courtesy; speed and accuracy in making computations; good eye-hand coordination; neat apperance; pleasant disposition; and, in most cases, ability to operate a cash register or an adding, calculating, or similar machine.

Clues for Relating Applicant and Requirements

Good grades in clerical courses in school.

Dress, appearance, or mien.

Previous work experience, as a delivery boy, newspaper boy, in a grocery or similar store, or in any capacity requiring contact with the public in money matters.

Pleasant speaking voice.

Training and Methods of Entry

A high school education is generally the minimum requirement for employment in this kind of work. Courses in business arithmetic, bookkeeping, and public speaking should be included in the curriculum.

Some private businesses and schools have special programs in cashier training.

Many establishments offer on-the-job training.

RELATED CLASSIFICATIONS

Computing and Related Recording (.388; .488) p. 280
Paying and Receiving (Banks and Other Establishments) (.368) p. 267
Customer Service Work, n.e.c. (.468; .478) p. 501

QUALIFICATIONS PROFILE

GED: 3
SVP: 2 3
Apt: GVN SPQ KFM EC
3 3 3 4 4 2 3 3 4 5 5
2 2 5 3 4 4

Int: 2 3
Temp: 2 5 Y
Phys. Dem: S L 4 5

21 **COMPUTING AND ACCOUNT RECORDING**

211. **Cashiering**

211.468 CASHIER (clerical) II
- DESK CLERK (per. ser.)
- DRIVERS'-CASH CLERK (motor trans.)
- TOLL COLLECTOR (gov. ser.; water trans.)

CASHIER, COURTESY BOOTH (ret. tr.)
CASHIER, CURRENCY EXCHANGE (bus. ser.)
CASHIER, GAMBLING (amuse. & rec.)
CASHIER-WRAPPER (ret. tr.)

211.468 Con. CHANGE-BOOTH MAN (amuse. & rec.)
PARIMUTUEL-TICKET CASHIER (amuse. & rec.)
PARIMUTUEL-TICKET SELLER (amuse. & rec.)
SHEET WRITER (amuse. & rec.) I
STATION AGENT (r.r. trans.) II
TELLER (light, heat, & power)
TICKET SELLER (clerical)

24 **MISCELLANEOUS CLERICAL WORK**

243. **Clerical Work, Direct Service, n.e.c.**

243.468 SALES-CHECK WRITER (ret. tr.)

29 **MISCELLANEOUS MERCHANDISING WORK**

299. **Miscellaneous Merchandising Work, n.e.c.**

299.468 CASHIER-CHECKER (ret. tr.)

34 **AMUSEMENT AND RECREATION SERVICES**

343. **Gambling Hall Services**

343.468 GAMBLING DEALER (amuse. & rec.)
- CARDROOM ATTENDANT (amuse. & rec.)
- TWENTY-SIX GIRL (amuse. & rec.)

INSPECTING AND STOCK CHECKING

.382; .384; .387; .484; .487

Work Performed

Work activities in this group primarily involve examining stores of materials and supplies and compiling inventory records, inspecting products and structures to verify adherence to material and assembly standards of the type recorded on blueprints, and testing products and equipment to verify adherence to functional specifications of the type found in operating and maintenance manuals. Precision measuring instruments and test apparatus are commonly used. Certain inspection situations, such as those wherein standardization is limited, may entail the solving of practical problems involving abstract and concrete principles in order to interpret specifications and inspection data related to specific products or standards.

Worker Requirements

An occupationally significant combination of: Numerical skill and clerical aptitude to prepare inventory or inspection data and to keep accurate and legible records; some combination of form, spatial, and color perception to make discriminations relevant to shape, size, texture, and hue or shade of objects; some combination of finger and manual dexterity and eye-hand coordination to use test apparatus and precision instruments; precision and accuracy working to close detail.

Clues for Relating Applicants and Requirements

Interest in technical subjects.

Demonstrated ability to work with written specifications or standards involving set limits and tolerances.

Successful completion of such high school courses as blueprint reading, mechanical drawing, shop mathematics, and bookkeeping.

Training and Methods of Entry

Entry generally requires familiarity with specific materials, products, or standards acquired through experience in lower level positions. Some education or vocational training in such subjects as mechanical drawing, blueprint reading, and shop mathematics is generally considered essential.

RELATED CLASSIFICATIONS

Appraising and Investigating Work (.187; .284; .287) p. 420
Classifying, Filing, and Related Work (.388) p. 276
Sorting, Inspecting, Measuring, and Related Work (.484; .485; .487; .584; .585; .587; .683; .684; .685; .687) p. 282
Routine Checking and Recording (.588; .688) p. 289
Drafting and Related Work (.181; .281) p. 377

QUALIFICATIONS PROFILE

GED: 3 4
SVP: 3 4 5 6 7

Apt:	GVN	SPQ	KFM	EC
	3 3 3	3 3 3	3 3 3	5 3
	4	2 4	4 4 4	4

Temp: 9 0 Y
Int: 1 3 9
Phys. Dem: S L M 4 5 6

07 **MEDICINE AND HEALTH**
074. **Pharmacy**
074.387 PHARMACY HELPER (medical ser.)
16 **ADMINISTRATIVE SPECIALTIES**
168. **Inspecting and Investigating, Managerial and Public Service**
168.387 HOUSEHOLD-PRODUCTS TECHNICIAN (any ind.)
19 **MISCELLANEOUS PROFESSIONAL, TECHNICAL, AND MANAGERIAL WORK**
199. **Miscellaneous Professional, Technical, and Managerial Work, n.e.c.**
199.387 PRESERVATION-PACKING SPECIALIST (any ind.)
22 **MATERIAL AND PRODUCTION RECORDING**
221. **Clerical Work, Production**
221.387 BACK-SHOE GIRL (boot & shoe)
COMPLAINT CLERK (boot & shoe)
CONTROL CLERK (clock & watch)
221.484 YARDAGE ESTIMATOR (garment)
222. **Clerical Work, Shipping and Receiving**
222.387 GUN-REPAIR CLERK (firearms)
RECEIVING CLERK (clerical) II
FREIGHT-RECEIVING CLERK (r.r. trans.)
RETURNED-GOODS RECEIVING-CLERK (clerical)
SHIPPING AND RECEIVING CLERK (clerical)
SHIPPING CHECKER (aircraft mfg.)
223. **Stock Checking and Related Work**
223.387 AUTOMOTIVE-PARTS MAN (aircraft mfg.)
BOOK SUPERVISOR (clerical)
CHECKER (water trans.)
FILM-LIBRARY CLERK (clerical)
FOLLOW-UP CLERK (elec. equip.)
LIBRARIAN (motion pic.)
LINEN-ROOM ATTENDANT (hotel & rest.; medical ser.)
MAGAZINE KEEPER (any ind.)
MATERIAL CLERK (clerical)
METAL CHECKER (ore dress., smelt., & refin.)
TRUCK CHECKER (const.)
MATERIAL DISPOSITION ANALYST (aircraft mfg.)
PARTS-ORDER CLERK (motor trans.)
PETROLEUM INSPECTOR (bus. ser.)
RETURNED-TELEPHONE-EQUIPMENT APPRAISER (elec. equip.)
SAMPLE CLERK (glass mfg.)
STOCK CLERK (clerical)
PARTS CLERK (clerical)
PRESCRIPTION CLERK (optical goods)
PROPERTY CUSTODIAN (motion pic.)
REFRIGERATOR MAN (ret. tr.)
SALVAGE CLERK (clerical)
STEEL CUTTER (nonfer. metal alloys)
STOCKMAN, TINPLATE (tinware)
STOCK-CONTROL CLERK (clerical)
STOREKEEPER (water trans.)
TAPE-LIBRARIAN (clerical)
TOOL CLERK (clerical)
VAULT CLERK (motion pic.)
223.487 CHECKER, BAKERY PRODUCTS (bake. prod.)
MOLD PICKER (rubber goods)
229. **Material and Production Recording, n.e.c.**
229.387 BULK-PRODUCTS MAN (sugar)
TANK CALIBRATOR (bus. ser.)
24 **MISCELLANEOUS CLERICAL WORK**
241. **Adjusting**
241.387 TIRE ADJUSTER (ret. tr.; whole. tr.)
249. **Miscellaneous Clerical Work, n.e.c.**
249.387 WATCH-AND-CLOCK-REPAIR CLERK (ret. tr.)
29 **MISCELLANEOUS MERCHANDISING WORK**
299. **Miscellaneous Merchandising Work, n.e.c.**
299.387 FUR-STORAGE CLERK (ret. tr.)
36 **APPAREL AND FURNISHINGS SERVICES**
369. **Apparel and Furnishings Services, n.e.c.**
369.387 RUG MEASURER (clean., dyc., & press.; ret. tr.)
37 **PROTECTIVE SERVICES**
379. **Protective Services, n.e.c.**
379.384 AUTOMOBILE TESTER (gov. ser.)
379.387 FIRE INSPECTOR (any ind.)
FIREMAN, STAGE (amuse. & rec.)
41 **ANIMAL FARMING**
412. **Poultry Farming**
412.387 POULTRY TECHNICIAN (agric.) I
46 **AGRICULTURAL SERVICES**
469. **Agricultural Services, n.e.c.**
469.387 COTTON CLASSER (agric.; textile)
50 **METAL PROCESSING**
502. **Melting, Pouring, Casting, and Related Work**
502.382 FLUOROSCOPE OPERATOR (aircraft mfg.; nonfer. metal alloys)
504. **Heat Treating**
504.387 HARDNESS INSPECTOR (heat treat.)
51 **ORE REFINING AND FOUNDRY WORK**
519. **Ore Refining and Foundry Work, n.e.c.**
519.387 MANOMETER TECHNICIAN (ore dress., smelt., & refin.)
52 **PROCESSING, FOOD AND RELATED PRODUCTS**
525. **Slaughtering, Breaking, Curing, and Related Work**
525.387 GRADER, MEAT (slaught. & meat pack.)
529. **Processing, Food and Related Products, n.e.c.**
529.387 CIGARETTE-AND-FILTER CHIEF INSPECTOR (tobacco)
CIGARETTE TESTER (tobacco)
DEPARTMENT INSPECTOR (tobacco)
FRUIT-BUYING GRADER (can. & preserv.; whole. tr.)
GAGER (vinous liquors)
GRADER (dairy prod.)
HOGSHEAD INSPECTOR (tobacco)
INSPECTOR, GRAIN MILL PRODUCTS (grain & feed mill.)
QUALITY-CONTROL GIRL (bake. prod.)
QUALITY-CONTROL TECHNICIAN (distilled liquors)
QUALITY-CONTROL TECHNICIAN (food prep., n.e.c.)
ROUGH-RICE GRADER (grain & feed mill.)
SAMPLER (oils & fats)
YIELD-LOSS INSPECTOR (corn prod.)
53 **PROCESSING, PAPER AND RELATED MATERIALS**
539. **Processing, Paper and Related Materials, n.e.c.**
539.384 PULP-AND-PAPER TESTER (paper & pulp)
539.387 FINAL INSPECTOR, PAPER (paper & pulp)
54 **PROCESSING, PETROLEUM AND RELATED PRODUCTS**
549. **Processing, Petroleum and Related Products, n.e.c.**
549.384 TESTER, COMPRESSED GASES (comp. & liquefied gases)
549.387 CARGO INSPECTOR (petrol. production; petrol. refin.; pipe lines)
INSPECTOR (roof. materials)
55 **PROCESSING, CHEMICALS AND RELATED PRODUCTS**
559. **Processing, Chemical and Related Products, n.e.c.**
559.384 FURNACE-STOCK INSPECTOR (elec. equip.)
INSPECTOR, SPONGE PRESS (rubber goods)
REINSPECTOR, SPONGE RUBBER (rubber goods)
559.387 INSPECTOR (ammunition) IV
57 **PROCESSING, NONMETALLIC MINERALS AND RELATED PRODUCTS**
579. **Processing, Nonmetallic Minerals and Related Products, n.e.c.**
579.384 BRICK TESTER (brick & tile)
PRODUCT TESTER, FIBER GLASS (glass mfg.; wallboard)
QUALITY TECHNICIAN (glass mfg.)
WARE TESTER (glass mfg.)
579.387 FLOOR INSPECTOR (glass mfg.)
MAT TESTER (wallboard)
QUALITY-CONTROL INSPECTOR (glass mfg.)
QUALITY-CONTROL TECHNICIAN (glass mfg.)
58 **PROCESSING, LEATHER AND TEXTILES**
587. **Brushing and Shrinking**
587.384 SANFORIZE TESTER (textile)
589. **Processing, Leather and Textiles, n.e.c.**
589.387 COLORMAN, ROVING OR YARN (textile)
INSPECTOR AND SORTER (leather mfg.)
WOOL-AND-PELT GRADER (slaught. & meat pack.)
WOOL SORTER (textile)
59 **PROCESSING, N.E.C.**
590. **Processing, Assorted Materials**
590.387 DEFECT MAN (linoleum)
INSPECTOR (linoleum)
60 **METAL MACHINING**
602. **Gear Machining**
602.382 GEAR INSPECTOR (mach. shop)
GEAR ROLLER (mach. shop)
GEAR-SORTING-MACHINE OPERATOR (mach. shop)
609. **Metal Machining, n.e.c.**
609.382 INSPECTOR, MAGNETIC (mach. shop)
61 **METALWORKING, N.E.C.**
619. **Miscellaneous Metalworking, n.e.c.**
619.384 INSPECTOR (nonfer. metal alloys) I
619.387 SALVAGE MAN (nonfer. metal alloys)
62 **MECHANICAL REPAIRING**
620. **Motorized Vehicle and Engineering Equipment Repairing**
620.384 MOTORCYCLE TESTER (motor. & bicycles)
TESTER, MOTOR (auto. mfg.)
630. **General Industry Machinery Repairing**
630.382 PUMP TESTER (mach. mfg.)
64 **PAPERWORKING**
649. **Paperworking, n.e.c.**
649.387 INSPECTOR, PAPER PRODUCTS (paper goods)
66 **WOOD MACHINING**
667. **Sawing**
667.382 STOCK GRADER (woodworking)
67 **MACHINING, NONMETALLIC MINERALS AND RELATED MATERIALS**
670. **Stonecutting and Related Work**
670.384 STONE GRADER (stonework)
68 **TEXTILE MACHINE WORK**
680. **Carding, Combing, Drawing, and Related Work**
680.387 ROVING SIZER (textile)
683. **Weaving and Related Work**
683.384 PATTERN-LEASE INSPECTOR (textile)
684. **Hosiery Knitting**
684.384 QUALITY-CONTROL TESTER (hosiery)
689. **Textile Machine Work, n.e.c.**
689.384 CLOTH TESTER, QUALITY (textile)
LABORATORY TESTER (textile) I
STROBOSCOPE MAN (textile)
689.387 CLOTH GRADER (textile)
69 **MACHINE WORK, N.E.C.**
691. **Insulated Wire and Cable Fabricating**
691.387 INSPECTOR, INSULATION (insulated wire)
INSPECTOR, WIRE (wire)
699. **Miscellaneous Machine Work, n.e.c.**
699.384 COMPARATOR OPERATOR (any ind.)
70 **FABRICATION, ASSEMBLY, AND REPAIR OF METAL PRODUCTS, N.E.C.**
706. **Metal Unit Assembling and Adjusting, n.e.c.**
706.382 FUNCTIONAL TESTER, TYPEWRITERS (typewriters & parts)
TESTER, SOUND (mach. mfg.)
706.387 INSPECTOR, AUTOMATIC TYPEWRITER (typewriters & parts)
MACHINE TESTER (office mach.)
709. **Fabrication, Assembly, and Repair of Metal Products, n.e.c.**
709.382 SEWING-MACHINE TESTER (mach. mfg.)
709.387 INSPECTOR, TIN CAN (tinware)
71 **FABRICATION AND REPAIR OF SCIENTIFIC AND MEDICAL APPARATUS, PHOTOGRAPHIC AND OPTICAL GOODS, WATCHES AND CLOCKS, AND RELATED PRODUCTS**
710. **Fabrication and Repair of Instruments for Measuring, Controlling, and Indicating Physical Characteristics**
710.384 INSPECTOR, MECHANICAL AND ELECTRICAL (elec. equip.)
METER INSPECTOR (light, heat, & power)
PASSER AND FINISHER, CLINICAL THERMOMETER (inst. & app.)
SALVAGE MAN (inst. & app.)
710.387 CALIBRATION CHECKER (inst. & app.) I
ROVING INSPECTOR (inst. & app.)
TESTER, REGULAR (sports equip.; surgical appl.)
711. **Fabrication and Repair of Optical Instruments and Lenses**
711.384 LENS INSPECTOR (optical goods) II
711.387 CONTACT-LENS FINAL INSPECTOR (optical goods)
CONTACT-LENS INSPECTOR (optical goods)
INSPECTOR, OPTICAL ELEMENTS (optical goods)
PRISM MEASURER (optical goods)
WET INSPECTOR, OPTICAL GLASS (optical goods)
715. **Fabrication and Repair of Watches, Clocks, and Parts**
715.384 HAIRSPRING-TRUING INSPECTOR (clock & watch)
TRUER (clock & watch)

715.387 INSPECTOR, WATCH PARTS (clock & watch) II
HANDS INSPECTOR (clock & watch)
STRIP GAGER (clock & watch)
STRIP INSPECTOR (clock & watch)
MECHANISM INSPECTOR (clock & watch)
POISING INSPECTOR (clock & watch)

72 ASSEMBLY AND REPAIR OF ELECTRICAL EQUIPMENT

720. Assembly and Repair of Radio and Television Receiving Sets and Phonographs
720.387 GAGER, HAND (electronics)
QUALITY-CONTROL INSPECTOR (phonograph)
RECORD TESTER (phonograph)

721. Assembly and Repair of Motors, Generators, and Related Products
721.384 VIBROMETER-BLOCK TESTER (elec. equip.)

723. Assembly and Repair of Electrical Appliances and Fixtures
723.387 REFRIGERATOR INSPECTOR (refrigerat. equip.)

724. Winding and Assembly of Coils, Magnets, Armatures, and Related Products
724.384 ARMATURE TESTER (elec. equip.) I
WINDING INSPECTOR AND TESTER (elec. equip.)

726. Assembly and Repair of Electronic Components and Accessories, n.e.c.
726.384 CALIBRATOR, RESISTORS (electronics)
INSPECTOR, FINISHING (electronics)
INSPECTOR, PRINTED CIRCUIT BOARDS (electronics)
INSPECTOR, SUBASSEMBLIES (electronics)
726.387 GREEN INSPECTOR (elec. equip.)

727. Storage Battery Assembly
727.384 BATTERY TESTER (elec. equip.)

729. Assembly and Repair of Electrical Equipment, n.e.c.
729.384 WINDING INSPECTOR (elec. equip.)
729.387 DE-ICER INSPECTOR, ELECTRIC (rubber goods)
DE-ICER TESTER (rubber goods)
FINISHING INSPECTOR (elec. equip.)
INSPECTOR (elec. equip.) I
INSULATOR TESTER (light, heat, & power)

73 FABRICATION AND REPAIR OF PRODUCTS MADE FROM ASSORTED MATERIALS

730. Fabrication and Repair of Musical Instruments and Parts
730.387 FINAL INSPECTOR (musical inst.)

732. Fabrication and Repair of Sporting Goods
732.384 INSPECTOR (sports equip.)
INSPECTOR AND ADJUSTER, GOLF CLUB HEAD (sports equip.)
732.387 BASEBALL INSPECTOR AND REPAIRER (sports equip.)

736. Fabrication and Repair of Ordnance and Accessories
736.387 AUTOMOTIVE-TIRE TESTER (ordnance)
PROOF INSPECTOR (firearms)
PROOF-TECHNICIAN HELPER (ammunition; firearms)
736.484 FINAL INSPECTOR (firearms)

737. Fabrication of Ammunition, Fireworks, Explosives, and Related Products
737.384 PROCESS CHECKER (ammunition)
737.387 DROP TESTER (ammunition)
INSPECTOR (ammunition) I
INSPECTOR (ammunition) III
PRESSURE-TEST OPERATOR (ammunition)

739. Fabrication and Repair of Products Made from Assorted Materials, n.e.c.
739.387 CASKET INSPECTOR (mort. goods)
HAIR-SAMPLE MATCHER (hairwork)

75 FABRICATION AND REPAIR OF PLASTICS, SYNTHETICS, RUBBER, AND PRODUCTS

750. Fabrication and Repair of Tires, Tubes, Tire Treads, and Related Products
750.384 GREEN-TIRE INSPECTOR (rubber tire & tube)
TIRE INSPECTOR (rubber tire & tube)
750.387 TIRE CLASSIFIER (rubber tire & tube)

759. Fabrication and Repair of Plastics, Synthetics, Rubber, and Related Products, n.e.c.
759.384 HOSE INSPECTOR AND PATCHER (rubber goods)
759.387 QUALITY-CONTROL INSPECTOR (rubber tire & tube)

76 FABRICATION AND REPAIR OF WOOD PRODUCTS

764. Cooperage
764.387 MATERIAL INSPECTOR (cooperage)

77 FABRICATION AND REPAIR OF SAND, STONE, CLAY, AND GLASS PRODUCTS

774. Fabrication and Repair of Pottery and Porcelain Ware
774.387 INSPECTOR (pottery & porc.)

776. Fabrication and Repair of Asbestos and Polishing Products, Abrasives, and Related Materials
776.487 GRINDING-WHEEL INSPECTOR (abrasive & polish. prod.)

779. Fabrication and Repair of Sand, Stone, Clay, and Glass Products, n.e.c.
779.387 FINAL INSPECTOR (mirror)
INSPECTOR (wallboard)

78 FABRICATION AND REPAIR OF TEXTILE, LEATHER, AND RELATED PRODUCTS

783. Fur Working
783.387 FUR-REPAIR INSPECTOR (ret. tr.)
FUR SORTER (fur goods)

784. Fabrication and Repair of Hat, Cap, Glove, and Related Products
784.387 INSPECTOR (hat & cap)

788. Fabrication and Repair of Footwear, n.e.c.
788.384 INSPECTOR (boot & shoe)

789. Fabrication and Repair of Textile, Leather, and Related Products, n.e.c.
789.387 LEATHER GRADER (garment; glove & mit.)
SAMPLE GIRL (tex. prod., n.e.c.)

80 METAL FABRICATING, N.E.C.

805. Boilermaking and Related Work
805.387 BOILERHOUSE INSPECTOR (any ind.)

806. Transportation Equipment Assembling and Related Work
806.382 HYPOID-GEAR TESTER (auto. mfg.)
DIFFERENTIAL TESTER (auto. mfg.)
806.384 INSPECTOR, AIRCRAFT LAUNCHING AND ARRESTING SYSTEMS (gov. ser.)
PROCUREMENT INSPECTOR (aircraft mfg.)
806.387 INSPECTOR, RETURNED MATERIALS (auto. mfg.)
SALVAGE INSPECTOR (aircraft mfg.; motor. & bicycles)
WHEEL INSPECTOR (r.r. trans.)

807. Body Work, Transportation Equipment
807.387 INSPECTOR, SURFACE PROCESSING (aircraft mfg.)

82 ELECTRICAL ASSEMBLING, INSTALLING, AND REPAIRING.

821. Transmission and Distribution Line and Circuit Assembly, Installation, and Repair
821.384 TAMPERING INSPECTOR (light, heat, & power)
821.387 CONSTRUCTION CHECKER (light, heat, & power)
PRIMARY METERMAN (light, heat, & power)
SAFETY INSPECTOR (light, heat, & power)

827. Large Household Appliance and Similar Commercial and Industrial Equipment Assembly, Installation, and Repair
827.387 REFRIGERATOR TESTER (refrigerat. equip.)

85 EXCAVATING, GRADING, PAVING, AND RELATED WORK

850. Excavating, Grading, and Related Work
850.387 INSPECTOR OF DREDGING (water trans.)

86 CONSTRUCTION WORK, N.E.C.

869. Miscellaneous Construction Work, n.e.c.
869.387 PIPE-LINE CONSTRUCTION INSPECTOR (const.)
POLE INSPECTOR (light, heat, & power)

91 TRANSPORTATION WORK, N.E.C.

910. Railroad Transportation
910.387 PERISHABLE FRUIT INSPECTOR (whole. tr.)

912. Air Transportation
912.384 AIRPORT SERVICEMAN (air trans.)

914. Pumping and Pipeline Transportation
914.382 CONSTRUCTION-AND-MAINTENANCE INSPECTOR (petrol. refin.)

919. Miscellaneous Transportation Work, n.e.c.
919.387 NEW-CAR INSPECTOR (motor trans.)

92 PACKAGING AND MATERIALS HANDLING

920. Packaging
920.387 INSPECTOR, PACKAGING MATERIALS (drug. prep. & rel. prod.)

929. Packaging and Materials Handling, n.e.c.
929.382 LOAD-TEST MECHANIC (aircraft mfg.)
929.387 OPERATOR, SCALES (plastics mat.)
PRESERVATION INSPECTOR, MARINE EQUIPMENT (gov. ser.)

93 EXTRACTION OF MINERALS

939. Extraction of Minerals, n.e.c.
939.387 COAL INSPECTOR (mining & quarrying) I
DOWSER (bus. ser.)
FIRE BOSS (mining & quarrying)

94 LOGGING

940. Timber Cutting and Related Work
940.384 TIMBER MARKER (forestry; logging)

941. Log Inspecting, Grading, Scaling, and Related Work
941.387 LOG GRADER (logging; sawmill)
941.487 SCALER, WOOD (paper & pulp)

942. Log Sorting, Gathering, Storing, and Related Work
942.387 LOG MARKER (logging)

949. Logging, n.e.c.
949.387 HORSE INSPECTOR (logging)

95 PRODUCTION AND DISTRIBUTION OF UTILITIES

952. Generation, Transmission, and Distribution of Electric Light and Power
952.387 LOAD CHECKER (light, heat, & power)
POWERHOUSE RUNNER (light, heat, & power)

953. Production and Distribution of Gas
953.387 CYLINDER INSPECTOR-AND-TESTER (comp. & liquefied gases)
GAS-LEAK INSPECTOR (light, heat, & power; pipe lines)
GAS-METER CHECKER (light, heat, & power)
HOUSE-PIPING INSPECTOR (light, heat, & power)
UTILITY INSPECTOR (light, heat, & power)

956. Distribution of Steam
956.387 BUILDING-EQUIPMENT INSPECTOR (light, heat, & power)

959. Production and Distribution of Utilities, n.e.c.
959.387 FACILITYMAN (tel. & tel.)
PATROLMAN (light, heat, & power)

96 AMUSEMENT, RECREATION, AND MOTION PICTURE WORK, N.E.C.

960. Motion Picture Projecting
960.382 SCREEN EXAMINER (motion pic.)

969. Miscellaneous Amusement, Recreation, and Motion Picture Work, n.e.c.
969.387 CUSTODIAN, ATHLETIC EQUIPMENT (amuse. & rec.)

97 GRAPHIC ART WORK

976. Darkroom Work, n.e.c.
976.387 DENSITOMETER READER (motion pic.)

979. Graphic Art Work, n.e.c.
979.387 PRINT INSPECTOR (bus. ser.)

TYPESETTING, REPRODUCING, AND RELATED MACHINE WORK

.382; .582

Work Performed

Work activities in this group primarily involve setting up, adjusting, and operating data-processing, typesetting, linotype, duplicating, addressing, and similar commercial machines. The work is usually specialized and workers spend a majority of their time at their machines, functioning accurately and at high speed.

Worker Requirements

An occupationally significant combination of: The ability and willingness to follow instructions in performing work of a routine, organized nature; attention to detail and good reading comprehension in order to avoid clerical errors; form and spatial perception, eye-hand coordination, and finger and manual dexterity for using machines; and an inclination toward working with machines.

Clues for Relating Applicants and Requirements

Commercial courses in high school
Night school courses in clerical machine operating.
Aptitude test scores that indicate adaptability for this type of work.
Preference for working with machines.

Training and Methods of Entry

Graduation from high school or business school with appropriate commercial coursework is frequently the minimum educational requirement for entry into this type of work. For some kinds of work specialized training on a particular machine is required. For most beginning positions, however, a general knowledge of the kind of equipment used is usually regarded as sufficient preparation. Employers usually give new employees instruction and on-the-job training ranging anywhere from a few days to several months, depending chiefly on the type of machine.

RELATED CLASSIFICATIONS

Typing and Related Recording (.588) p. 287
Motion Picture Projecting, Photographic Machine Work, and Related Activities (.282; .382) p. 514
Radio and Television Transmitting and Receiving (.282; .382) p. 516

QUALIFICATIONS PROFILE

GED: 3 4
SVP: 2 4 3 5

Apt:	GVN	SPQ	KFM	EC
	3 3 4	3 2 2	3 3 3	5 5
		3 3	2	4

Int: 9 3
Temp: Y 2
Phys. Dem: L 4

20 **STENOGRAPHY, TYPING, FILING, AND RELATED WORK**

203. **Typing**

203.582 VARI-TYPIST (clerical)

207. **Duplicating-Machine Work**

207.582 BRAILLE-DUPLICATING-MACHINE OPERATOR (clerical)

209. **Stenography, Typing, Filing, and Related Work, n.e.c.**

209.382 JUSTOWRITER OPERATOR (bus. ser.)

21 **COMPUTING AND ACCOUNT RECORDING**

213. **Automatic Data Processing**

213.382 CARD-TAPE-CONVERTER OPERATOR (clerical)
COMPUTER-PERIPHERAL-EQUIPMENT OPERATOR (clerical)
DIGITAL-COMPUTER OPERATOR (clerical)
HIGH-SPEED PRINTER, OPERATOR (clerical)

213.582 KEY-PUNCH OPERATOR (clerical)

23 **INFORMATION AND MESSAGE DISTRIBUTION**

234. **Mail-Preparing- and Mail-Handling-Machine Work**

234.582 ADDRESSING-MACHINE OPERATOR (clerical)

236. **Telegraph Work**

236.382 TELEFAX CLERK (tel. & tel.)

239. **Information and Message Distribution, n.e.c.**

239.382 WIRE-PHOTO OPERATOR, NEWS (print. & pub.)

65 **PRINTING**

650. **Typesetting and Composing**

650.582 LINOFILM-MACHINE OPERATOR (clerical)
LINOTYPE OPERATOR (print. & pub.)
MONOTYPE-KEYBOARD OPERATOR (print. & pub.)
PHOTOTYPESETTER OPERATOR (print. & pub.)

CLASSIFYING, FILING, AND RELATED WORK

.388

Work Performed

Work activities in this group primarily involve gathering together, classifying, sorting, and/or filing correspondence, account records, business forms, and related data. The preparation of reports and keeping of records is frequently involved.

Worker Requirements

An occupationally significant combination of: Reading comprehension in order to obtain pertinent information; numerical facility for performing arithmetic computations; accuracy and attention to detail for close clerical work; and the ability to follow instructions and established procedures in doing routine work.

Clues for Relating Applicants and Requirements

Successful completion of commercial coursework in high school.
Preference for routine, organized, stable work situation.
Neatness.
Legible handwriting.

Training and Methods of Entry

Graduation from high school with successful completion of commercial courses and demonstrated familiarity with elementary clerical skills will usually qualify an individual for entry into this work. Many employers administer tests designed to show the applicant's suitability for employment of this nature.

A period of on-the-job training ranging up to 3 months is usually sufficient to familiarize entry workers with clerical procedures and forms used in specific establishments.

RELATED CLASSIFICATIONS

Computing and Related Recording (.388; .488) p. 280
Typing and Related Recording (.588) p. 287
Routine Checking and Recording (.588; .688) p. 289
Facilities, Services, and Movement Allocating and Expediting Work (.368) p. 265

QUALIFICATIONS PROFILE

GED: 4 3
SVP: 3 4 5 2 6
Apt: GVN SPQ KFM EC
3 3 3 4 3 3 4 4 4 5 5
2 4 2 4

Int: 2 3 9
Temp: 2 3 Y
Phys. Dem: L 3 4

10 **MUSEUM, LIBRARY, AND ARCHIVAL SCIENCES**
100. **Library Work**
100.388 CATALOGER (library)
CLASSIFIER (library)
MEDICAL-RECORD LIBRARIAN (medical ser.)
MUSIC LIBRARIAN (radio & tv broad.)
MUSIC LIBRARIAN, INTERNATIONAL BROADCAST (radio & tv broad.)
109. **Museum, Library, and Archival Sciences, n.e.c.**
109.388 RECORD-PROGRAM SELECTOR (any ind.)
13 **WRITING**
132. **Writing and Editing, Publications**
132.388 EDITOR, INDEX (print. & pub.)
15 **ENTERTAINMENT AND RECREATION**
153. **Athletics and Sports**
153.388 HORSE-RACE TIMER (amuse. & rec.)
IDENTIFIER, HORSE (amuse. & rec.)
16 **ADMINISTRATIVE SPECIALTIES**
169. **Administrative Specialities, n.e.c.**
169.388 ESCROW OFFICER (profess. & kin.)
18 **MANAGERIAL WORK, N.E.C.**
186. **Finance, Insurance, and Real Estate Management**
186.388 DISBURSEMENT CLERK (finan. inst.)
19 **MISCELLANEOUS PROFESSIONAL, TECHNICAL, AND MANAGERIAL WORK**
199. **Miscellaneous Professional, Technical, and Managerial Work, n.e.c.**
199.388 CITY PLANNING AID (profess. & kin.)
TELEVISION-SCHEDULE COORDINATOR (radio & tv broad.)
20 **STENOGRAPHY, TYPING, FILING, AND RELATED WORK**
204. **Correspondence Work**
204.388 CORRESPONDENCE-REVIEW CLERK (clerical)
205. **Personnel Work**
205.388 CIVIL SERVICE CLERK (gov. ser.)
206. **Filing**
206.388 CUT MAN (print. & pub.)
FILE CLERK (clerical) I
RECORD CLERK (clerical) II
FILE CLERK (clerical) II
CLASSIFICATION CLERK (clerical)
LIBRARIAN (print. & pub.)
FINGERPRINT CLERK (gov. ser.) II
RECORDS CUSTODIAN (banking)
209. **Stenography, Typing, Filing, and Related Work, n.e.c.**
209.388 CANCELLATION CLERK (insurance)
CLASSIFIED-AD CLERK (print. & pub.)
CONTINUITY CLERK (motion pic.)
EVALUATOR (clerical)
MORTGAGE CLERK (banking)
209.388 MORTGAGE PROCESSING CLERK (clerical)
Con. READER (bus. ser.)
REFERENCE CLERK (ret. tr.)
STATEMENT CLERK (banking)
TITLE SEARCHER (real estate)
21 **COMPUTING AND ACCOUNT RECORDING**
219. **Computing and Account Recording, n.e.c.**
219.388 CHECKER (amuse. & rec.)
CLERK, TELEGRAPH SERVICE (tel. & tel.)
CODING CLERK (clerical)
CONTROL CLERK, DATA PROCESSING (clerical)
CREW SCHEDULER (air trans.)
ESTIMATOR (print. & pub.)
FILM-RENTAL CLERK (ret. tr.)
INSURANCE CLERK (clerical) I
INSURANCE CLERK (banking) II
LETTER-OF-CREDIT CLERK (banking)
PROGRAMER, DETAIL (clerical)
SALES DEVELOPMENT CLERK (tel. & tel.)
TRUST-VAULT CLERK (banking)
22 **MATERIAL AND PRODUCTION RECORDING**
221. **Clerical Work, Production**
221.388 EXPEDITER CLERK (optical goods)
MANUFACTURING-ORDER CLERK (inst. & app.)
ORDER DETAILER (clerical)
FORMULA CHECKER (textile)
PROVIDER (iron & steel)
OVERHAUL PLANNER (aircraft mfg.)
TRAFFIC MAN (bus. ser.)
WORK-ORDER CLERK (clerical) II
222. **Clerical Work, Shipping and Receiving**
222.388 CONTAINER COORDINATOR (water trans.)
MONEY CLERK, CHIEF (r. r. trans.)
223. **Stock Checking and Related Work**
223.388 INVENTORY CLERK (clerical)
EQUIPMENT-INVENTORY CLERK (aircraft mfg.)
INVENTORY CLERK, STOCKROOM (clerical)
MERCHANDISE DISTRIBUTOR (clerical)
229. **Material and Production Recording, n.e.c.**
229.388 CAR CHECKER (r. r. trans.)
PARTS LISTER (electronics)
PROGRESS CLERK (const.)
23 **INFORMATION AND MESSAGE DISTRIBUTION**
231. **Mail Sorting, Stamping, Recording, Routing, and Related Work**
231.388 PARCEL-POST CLERK (clerical)
MAIL-ORDER SORTER (ret. tr.)
233. **Mail Delivery**
233.388 MAIL CARRIER (gov. ser.)
RURAL-MAIL CARRIER (gov. ser.)
235. **Telephone Work**
235.388 RADIO-MESSAGE ROUTER (tel. & tel.)
239. **Information and Message Distribution, n.e.c.**
239.388 DISPATCHER, MAINTENANCE SERVICE (clerical)
MAIL CENSOR (gov. ser.)
24 **MISCELLANEOUS CLERICAL WORK**
249. **Miscellaneous Clerical Work, n.e.c.**
249.388 ANALYST (ret. tr.)
COMPILER (clerical)
MAILING-LIST COMPILER (clerical)
CREDIT AUTHORIZER (clerical)
MESSENGER, BANK (banking)
REAL-ESTATE-LOCATION WRITER (insurance)
SUGGESTION CLERK (clerical)
29 **MISCELLANEOUS MERCHANDISING WORK**
296. **Shopping**
296.388 COMPARISON SHOPPER (garment; ret. tr.; whole. tr.)
299. **Miscellaneous Merchandising Work, n.e.c.**
299.388 STAMP CLASSIFIER (ret. tr.)
37 **PROTECTIVE SERVICES**
375. **Police and Related Work, Public Service**
375.388 FINGERPRINT CLASSIFIER (gov. ser.)
379. **Protective Services, n.e.c.**
379.388 PROTECTIVE-SIGNAL OPERATOR (clerical)
41 **ANIMAL FARMING**
419. **Animal Farming, n.e.c.**
419.388 TRACER (agric.)
57 **PROCESSING, NONMETALLIC MINERALS AND RELATED PRODUCTS**
574. **Impregnating, Coating, and Glazing**
574.388 TILE SHADER (brick & tile)
91 **TRANSPORTATION WORK, N.E.C.**
910. **Railroad Transportation**
910.388 YARD CLERK (r. r. trans.)
911. **Water Transportation**
911.388 WATERWAY TRAFFIC CHECKER (water trans.)
912. **Air Transportation**
912.388 TRIP FOLLOWER (air trans.)
919. **Miscellaneous Transportation Work, n.e.c.**
919.388 OVER-SHORT-AND-DAMAGE CLERK (motor trans.; r. r. trans.)
95 **PRODUCTION AND DISTRIBUTION OF UTILITIES**
952. **Generation, Transmission, and Distribution of Electric Light and Power**
952.388 FIELD RECORDER (light, heat, & power)
957. **Transmission of Communications, n.e.c.**
957.388 PROGRAM TRANSMISSION SUPERVISOR (radio & tv broad.)
97 **GRAPHIC ART WORK**
973. **Hand Composition, Typesetting, and Related Work**
973.388 TYPOGRAPHER-PROOFER (print. & pub.)

STENOGRAPHIC AND RELATED WORK

.388

Work Performed

Work activities in this group primarily involve taking shorthand by hand or machine and transcribing it with a typewriter.

Worker Requirements

An occupationally significant combination of: The ability to understand the meaning and relationships of words and sentences; finger dexterity and eye-hand coordination for taking dictation or typing; form perception to recognize shorthand symbols; adaptability to routine, repetitive, and uninvolved tasks; attention to detail in dictation or typed materials to avoid error; willingness to work according to instructions; ability to work with specialized terminology, such as that in the medical, legal, or engineering fields.

Clues for Relating Applicants and Requirements

Completion of typing, shorthand, and other business courses in high school or business school.

Successful performance on clerical aptitude and achievement tests.

Training and Methods of Entry

A majority of workers who enter this field are high school graduates who have received specialized training in typing, shorthand, and business courses in high school or business schools. Passing of typing and shorthand tests usually are required.

RELATED CLASSIFICATIONS

Secretarial and Related Work (.368) p. 263
Typing and Related Recording (.588) p. 287
Classifying, Filing, and Related Work (.388) p. 276
Corresponding and Related Work (.288; .388) p. 256

QUALIFICATIONS PROFILE

GED: 3
SVP: 5 4 6

Apt:	GVN	SPQ	KFM	EC
	3 2 4	4 2 2	2 3 3	5 5
	2 3		2	

Int: 3 6
Temp: 3 Y 2
Phys. Dem: L 4 5 6

20 **STENOGRAPHY, TYPING, FILING, AND RELATED WORK**

202. **Stenography**

202.388 COURT REPORTER (clerical)

STENOGRAPHER (clerical)

STENOGRAPHER, PRINT SHOP (print. & pub.)

STENOTYPE OPERATOR (clerical)

COMPUTING AND RELATED RECORDING

.388; .488

Work Performed

Work activities in this group primarily involve performing arithmetic computations and preparing numerical records with the aid of typewriters and adding, billing, bookkeeping, and calculating machines. Typical activities are computing wages, interest, and production costs; totaling bank deposit slips; and verifying computations recorded in accounts.

Worker Requirements

An occupationally significant combination of: Intellectual capacity and interest sufficient to acquire an understanding of systematic, numerical, recordkeeping and data-gathering procedures; ability to apply arithmetic principles and correct computational errors; attention to detail to avoid clerical errors; form perception; eye-hand coordination; and finger and manual dexterity.

Clues for Relating Applicants and Requirements

Expressed preference for clerical work.

Good grades in arithmetic and pertinent clerical subjects in school.

Training and Methods of Entry

Graduation from high school and business school with average or superior grades in arithmetic frequently is the minimum requirement for entry into this type of work.

For some kinds of work, specialized training on a particular machine is required. For many beginning positions, however, a general knowledge of the work and the equipment involved usually is regarded as sufficient preparation. Often an employer will give a new employee instruction and on-the-job training, ranging anywhere from a few days to several months, depending chiefly on the type of work or the kind of machine involved.

RELATED CLASSIFICATIONS

Accounting, Auditing, and Related Work (.188; .288) p. 252
Paying and Receiving (Banks and Other Establishments) (.368) p. 267
Cashiering (Drug Stores, Theaters, Restaurants, and Related Establishments) (.468) p. 269
Routine Checking and Recording (.588; .688) p. 289

QUALIFICATIONS PROFILE

GED: 3 4
SVP: 3 4 5

Apt:	GVN	SPQ	KFM	EC
	3 3 3	4 4 2	3 3 3	5 5
	2 2	5 3 3	2 2	4

Int: 3
Temp: 3 Y
Phys. Dem: S L 4 6

15 ENTERTAINMENT AND RECREATION
153. Athletics and Sports
153.488 CLERK-OF-SCALES (amuse. & rec.)
16 ADMINISTRATIVE SPECIALTIES
168. Inspecting and Investigating, Managerial and Public Service
168.388 LIABILITY EVALUATOR (gov. ser.)
18 MANAGERIAL WORK, N.E.C.
184. Transportation, Communication, and Utilities Management
184.388 WHARFINGER (water trans.) I
20 STENOGRAPHY, TYPING, FILING, AND RELATED WORK
209. Stenography, Typing, Filing, and Related Work, n.e.c.
209.488 CIRCULATION CLERK (print. & pub.)
COUPON CLERK (banking)
INVOICE-CONTROL CLERK (clerical)
21 COMPUTING AND ACCOUNT RECORDING
210. Bookkeeping
210.388 AUDIT CLERK (clerical)
DISTRIBUTION ACCOUNTING CLERK (light, heat, & power)
RECONCILEMENT CLERK (banking)
BILLING CONTROL CLERK (light, heat, & power)
BOOKKEEPER (clerical) I
GENERAL-LEDGER BOOKKEEPER (banking)
NIGHT AUDITOR (hotel & rest.)
BOOKKEEPER (clerical) II
ACCOUNT-CLASSIFICATION CLERK (clerical)
CLASSIFICATION-CONTROL CLERK (clerical)
COMMODITY-LOAN CLERK (banking)
FIXED-CAPITAL CLERK (light, heat, & power)
MEDICAL-VOUCHER CLERK (insurance)
MORTGAGE-LOAN-COMPUTATION CLERK (insurance)
CHART CALCULATOR (light, heat, & power)
DIVIDEND-DEPOSIT-VOUCHER QUOTER (insurance)
211. Cashiering
211.488 MONEY COUNTER (amuse. & rec.)
MONEY COUNTER (ret. tr.; whole. tr.)
214. Billing-Machine Work
214.488 BILLING-MACHINE OPERATOR (clerical)
215. Bookkeeping-Machine Work
215.388 BOOKKEEPING-MACHINE OPERATOR (clerical) I
BOOKKEEPING-MACHINE OPERATOR (clerical) II
215.488 PAY-ROLL CLERK (clerical)
216. Computing-Machine Work
216.388 BALANCE CLERK (clerical)
BANK-RECONCILIATION CLERK (clerical)
216.488 ADDING-MACHINE OPERATOR (clerical)
AUDIT-MACHINE OPERATOR (clerical)
CALCULATING-MACHINE OPERATOR (clerical)
POLICY-VALUE CALCULATOR (insurance)
TESTER, RECORDING AND CHECKING (nonfer. metal alloys)
FOOD CHECKER (hotel & rest.) I
FOOD CHECKER (hotel & rest.) II
FOOD CONTROLLER (hotel & rest.)
INTERLINE CLERK (r. r. trans.)
217. Account-Recording-Machine Work, n.e.c.
217.388 PROOF MACHINE OPERATOR (banking)
TRANSIT CLERK (banking)
219. Computing and Account Recording, n.e.c.
219.388 ACCOUNT ANALYST (banking)
ACTUARIAL CLERK (insurance)
AIRCRAFT-LOG CLERK (air trans.)
BILLING CLERK (clerical) II
219.388 BOND CLERK (banking)
Con. ADVICE CLERK (banking)
COUPON-COLLECTION CLERK (banking)
BOX-ESTIMATOR, PAPER BOARD PRODUCTS (paper goods)
BUDGET CLERK (clerical)
CITY-COLLECTION CLERK (banking)
CLEARING-HOUSE CLERK (banking)
CLERK, CABLE TRANSFER (tel. & tel.)
CLERK, GENERAL OFFICE (clerical)
CONTRACT CLERK, AUTOMOBILE (ret. tr.)
DISTRICT CLERK (clerical)
MANIFEST CLERK (water trans.)
SETTLEMENT CLERK (ore dress., smelt., & refin.)
TAX CLERK (clerical) I
WARD CLERK (medical ser.)
C.O.D. CLERK (clerical)
COLLATERAL-AND-SAFEKEEPING CLERK (banking)
CONTROL CLERK, AUDITING (insurance)
COUNTRY-COLLECTION CLERK (banking)
DEMURRAGE CLERK (r. r. trans.)
EXCHANGE CLERK (banking)
FOREIGN-COLLECTION CLERK (banking)
INSURANCE CLERK (banking) I
INTEREST CLERK (banking)
LOAD-CONTROL AGENT (air trans.)
MAIN-EXTENSION CLERK (light, heat, & power)
MARGIN CLERK (banking)
MARGIN CLERK (finan. inst.)
MEDIA CLERK (bus. ser.)
MORTGAGE-ACCOUNTING CLERK (clerical)
PAPER-CONTROL CLERK (water trans.)
PAYMASTER (clerical)
PLAINIMETER OPERATOR (gov. ser.)
CHART CLERK (petrol. refin.)
POLICY CHANGE CLERK (insurance)
PROBATE CLERK (banking)
RATE CLERK, FREIGHT (motor trans.)
RATER (insurance)
RATE REVIEWER (light, heat, & power)
REAL-ESTATE CLERK (clerical)
RESERVES CLERK (banking)
RETURNED-ITEM CLERK (banking)
REVIVAL CLERK (insurance)
SECURITIES CLERK (banking)
SERVICES CLERK (water trans.)
SORTING CLERK (banking)
STATISTICAL CLERK (clerical)
STATISTICAL CLERK, ADVERTISING (ret. tr.)
STOCK-TRANSFER CLERK (banking)
TIMEKEEPER (clerical)
DISPATCHER CLERK (r. r. trans.)
FLIGHT-CREW-TIME CLERK (air trans.)
TRAFFIC-RATE CLERK (clerical)
REVISING CLERK (motor trans.; r. r. trans.)
WORKSHEET CLERK (insurance)
219.488 ACCOUNTING CLERK (clerical)
ADDITIONS AND BETTERMENTS CLERK (r. r. trans.)
VOUCHER CLERK (r. r. trans.)
ADVERTISING-SPACE MEASURER (clerical)
BOOKING PRIZER (tobacco)
BROKERAGE CLERK (finan. inst.)
COLLECTION-SHEET CLERK (motor trans.)
COST CLERK (clerical)
DEPOSIT REFUND CLERK (light, heat, & power)
FABRIC-AND-ACCESSORIES ESTIMATOR (garment)
FOREIGN CLERK (clerical)
219.488 GRADING CLERK (education)
Con. INSURANCE CHECKER (insurance)
RATE CLERK (motor trans.)
REINSURANCE CLERK (insurance)
TOLL-RATING CLERK (tel. & tel.)
22 MATERIAL AND PRODUCTION RECORDING
221. Clerical Work, Production
221.388 CHART CLERK (clerical)
FLOOR CLERK (laund.)
GAS-PLANT CLERK (light, heat, & power)
INDUSTRIAL-ORDER BREAK-DOWN CLERK (any ind.)
MILL RECORDER (nonfer. metal alloys)
PRODUCTION CLERK (clerical) II
PRODUCTION ASSISTANT (explosives)
RECORDER (iron & steel)
WEIGHT-AND-TEST-BAR CLERK (found.)
222. Clerical Work, Shipping and Receiving
222.388 INCOMING-FREIGHT CLERK (water trans.)
222.488 MANIFEST CLERK (motor trans.)
RECEIPT CLERK (clerical)
223. Stock Checking and Related Work
223.388 MATERIAL PLANNER (aircraft mfg.) I
SPACE-AND-STORAGE CLERK (ammunition)
223.488 MATERIAL-CONTROL CLERK (spring; wirework)
224. Weighing
224.488 WEIGHT-COUNT OPERATOR (electronics)
229. Material and Production Recording, n.e.c.
229.388 MATERIAL LISTER (const.)
ROAD CLERK (r.r. trans.)
ROADMASTER CLERK (r.r. trans.)
229.488 ESTIMATOR (jewelry)
ESTIMATOR (wood. box)
GIN CLERK (agric.)
LUMBER SCALER (woodworking)
24 MISCELLANEOUS CLERICAL WORK
249. Miscellaneous Clerical Work, n.e.c.
249.388 MAP CLERK (agric.)
MEDICAL-RECORD CLERK (medical ser.)
METER READER (motor trans.)
249.488 CHECKER, DUMP GROUNDS (bus. ser.)
29 MISCELLANEOUS MERCHANDISING WORK
299. Miscellaneous Merchandising Work, n.e.c.
299.488 DRAPERY AND UPHOLSTERY ESTIMATOR (ret.tr.)
36 APPAREL AND FURNISHINGS SERVICES
361. Laundering Service
361.488 TICKET GIRL (laund.)
52 PROCESSING, FOOD AND RELATED PRODUCTS
529. Processing, Food and Related Products, n.e.c.
529.488 TIP-LENGTH CHECKER (tobacco)
58 PROCESSING, LEATHER AND TEXTILES
589. Processing, Leather and Textiles, n.e.c.
589.488 WEIGHT-YARDAGE CHECKER (textile)
86 CONSTRUCTION WORK, N.E.C.
869. Miscellaneous Construction Work, n.e.c.
869.388 MEASUREMAN (ret. tr.)
91 TRANSPORTATION WORK, N.E.C.
910. Railroad Transportation
910.388 TARIFF INSPECTOR (r.r. trans.)
911. Water Transportation
911.388 RECEIPT-AND-REPORT CLERK (water trans.)
911.488 TONNAGE-COMPILATION CLERK (water trans.)
912. Air Transportation
912.488 TRAFFIC-RATE CLERK (air trans.)
94 LOGGING
941. Log Inspecting, Grading, Scaling, and Related Work
941.488 LOG SCALER (logging; paper & pulp; sawmill)

SORTING, INSPECTING, MEASURING, AND RELATED WORK

.484; .485; .487; .584; .585; .587; .683; .684; .685; .687

Work Performed

Work activities in this group primarily involve examining, measuring, or weighing objects or materials for the purpose of grading, sorting, detecting flaws or irregularities, or verifying adherence to specifications. The work frequently is performed under close supervision, and the use of gages, calipers, micrometers, and other measuring devices or equipment, as well as the primary senses, is often involved.

Worker Requirements

An occupationally significant combination of: The ability and willingness to follow instructions to the letter; spatial and form perception to perceive differences in tangible matter; accuracy and attention to detail; finger and manual dexterity; eye-hand coordination; and disposition toward work of a routine, repetitive, and noncreative nature.

Clues for Relating Applicants and Requirements

School shop courses indicating success in working to tolerances.
Willingness to fit into a routine.
Casual work experience sorting stock at inventory time in local plant.

Training and Methods of Entry

Workers generally learn the fundamentals of their jobs during a brief period of on-the-job training, which may range from a few hours to several months, depending on the skill required. Many employers prefer workers with no previous experience. They look for applicants who are physically able, dependable, have good eyesight, and can follow instructions. Many of the larger employers give aptitude tests in selecting new employees.

RELATED CLASSIFICATIONS

Inspecting and Stock Checking (.382; .384; .387; .484; .487) p. 271
Routine Checking and Recording (.588; .688) p. 289
Tending (.885) p. 447

QUALIFICATIONS PROFILE

GED: 2 3 1
SVP: 2 3 4

Apt:	GVN	SPQ	KFM	EC
	4 4 4	4 4 4	4 4 3	5 4
	3 5	3 3 3	3 3 4	5
				3

Int: 1 3 9
Temp: 2 Y 0 3
Phys. Dem: S L M 4 5 6

00, 01 ARCHITECTURE AND ENGINEERING
018. **Surveying and Related Work**
018.587 RODMAN (any ind.)
018.687 CHAINMAN (any ind.)
LIGHTKEEPER, TRIANGULATION (any ind.)
07 MEDICINE AND HEALTH
078. **Medical and Dental Technology**
078.687 LABORATORY ASSISTANT, PLASMA DRAWING-OFF (drug. prep. & rel. prod.; medical ser.)
10 MUSEUM, LIBRARY, AND ARCHIVAL SCIENCES
109. **Museum, Library, and Archival Sciences, n.e.c.**
109.687 PAGE (library)
16 ADMINISTRATIVE SPECIALITIES
168. **Inspecting and Investigating, Managerial and Public Service**
168.487 INSPECTOR, MICA (gov. ser.)
20 STENOGRAPHY, TYPING, FILING, AND RELATED WORK
209. **Stenography, Typing, Filing, and Related Work, n.e.c.**
209.584 MORTICER (clerical)
209.587 SAMPLEMAN, PAPER (paper & pulp; paper goods)
209.687 ADDRESS-PLATE INSERTER (clerical)
SLIP PULLER (bus. ser.)
21 COMPUTING AND ACCOUNT RECORDING
219. **Computing and Account Recording, n.e.c.**
219.485 CURRENCY SORTER (banking)
219.487 MEASURER (agric.)
219.585 COIN-MACHINE OPERATOR (clerical)
22 MATERIAL AND PRODUCTION RECORDING
222. **Clerical Work, Shipping and Receiving**
222.587 DISTRIBUTING CLERK (clerical)
FISH ICER (can. & preserv.)
RECEIVER (bus. ser.)
RECEIVING-AND-SHIPPING HELPER (textile)
RETURNED GOODS CLERK (can. & preserv.)
ROUTE-RETURN MAN (clerical)
SCRATCH-STORAGE OPERATOR (linoleum)
SHIPPING CLERK (clerical) II
CLERK, BRAILLE-AND-TALKING BOOKS (library)
VAULTMAN (bus. ser.)
222.687 MAIL SORTER (r.r. trans.)
MILK RECEIVER (dairy prod.)
MILK-RECEIVER, TANK TRUCK (dairy prod.)
RECEIVING CHECKER (clerical)
SAMPLE INSPECTOR (carpet & rug; textile)
SHIPPING CHECKER (clerical)
SORTER (any ind.)
STUBBER (ret. tr.)
223. **Stock Checking and Related Work**
223.487 COUNTER, WATCH PARTS (clock & watch)
MAIL-ORDER FILLER (ret. tr.; whole. tr.)
23.587 EQUIPMENT-AND-ACCESSORIES ASSEMBLER (aircraft mfg.)
KITCHEN CLERK (hotel & rest.)
LABORATORY HELPER (clerical)
STACKER (leather prod.)
223.684 MEAT CLERK (ret. tr.)
223.687 CAR SUPPLIER (r.r. trans.) I
CHECKER (clerical) I
SAMPLE GIRL (hosiery)
SCALER (garment)
SORTER (motion pic.)
TOOTH CLERK (medical ser.)
WAREHOUSEMAN (pottery & proc.)
224. **Weighing**
224.487 COUNTER-WEIGHER (typewriters & parts)
DOCK BOSS (mining & quarrying)
WEIGHER (any ind.)
WEIGHER (clerical) II
HOGSHEAD WEIGHER (tobacco)
SCALER (r.r. trans.)
WEIGHING-STATION OPERATOR (gov. ser.)
WEIGHER (cooperage)
WEIGHER-UP (iron & steel; ore dress., smelt., & refin.)
224.584 WEIGHER AND CHARGER (linoleum)
224.587 BALANCE WEIGHER (drug. prep. & rel. prod.)
BATCH WEIGHER (fertilizer)
EMPTY-HOGSHEAD WEIGHER (tobacco)
GRAIN WEIGHER (grain & feed mill.; malt liquors)
224.587 PRODUCE WEIGHER (ret. tr.)
Con. WEIGHER (clerical) I
CHECKER AND WEIGHER (can. & preserv.)
WEIGHMASTER (whole. tr.)
224.687 FEATHER GRADER (house furn.)
RECEIVING WEIGHMAN (tobacco)
RUBBER COMPOUNDER (insulated wire; plastics mat.; rubber goods; rubber tire & tube)
COMPOUND MAN (rubber reclaim.)
WEIGHER (tobacco)
WEIGHER, PRODUCTION (any ind.)
229. **Material and Production Recording, n.e.c.**
229.587 GREY-GOODS MARKER (textile)
INSPECTOR, SWEET POTATO (gov. ser.)
SAMPLE CLERK (textile) I
229.687 GRAIN SAMPLER (finan. inst.; whole. tr.)
23 INFORMATION AND MESSAGE DISTRIBUTION
231. **Mail Sorting, Stamping, Recording, Routing, and Related Work**
231.687 EXPRESS MESSENGER (r.r. trans.)
SHIPPER (bus. ser.)
235. **Telephone Work**
235.585 SWITCHING CLERK (tel. & tel.)
239. **Information and Message Distribution, n.e.c.**
239.587 MAILER (print. & pub.)
MAILER APPRENTICE (print. & pub.)
239.687 TUBE OPERATOR (clerical)
24 MISCELLANEOUS CLERICAL WORK
249. **Miscellaneous Clerical Work, n.e.c.**
249.587 NOTE KEEPER (any ind.)
PROPERTY CLERK (gov. ser.)
29 MISCELLANEOUS MERCHANDISING WORK
299. **Miscellaneous Merchandising Work, n.e.c.**
299.484 RADIATOR-ENCLOSURE ESTIMATOR AND INSTALLER (ret. tr.)
299.587 BAKERY GIRL (ret. tr.)
299.687 CLOTHING INSPECTOR (nonprofit organ.; whole. tr.)
FURNITURE INSPECTOR (ret. tr.)
34 AMUSEMENT AND RECREATION SERVICES
343. **Gambling Hall Services**
343.687 PLASTIC-CARD GRADER, CARDROOM (amuse. & rec.)
346. **Wardrobe and Dressing-Room Services**
346.687 COLORMAN (amuse. & rec.)
349. **Amusement and Recreation Services, n.e.c.**
349.685 SCOREBOARD OPERATOR (amuse. & rec.)
35 MISCELLANEOUS PERSONAL SERVICES
355. **Attendant Work, Hospitals, Morgues, and Related Health Services**
355.687 CLOTHES-ROOM WORKER (medical ser.)
36 APPAREL AND FURNISHINGS SERVICES
361. **Laundering Service**
361.587 FLATWORK TIER (laund.)
361.687 ASSEMBLER, WET WASH (laund.)
CLASSIFIER (laund.)
LINEN GRADER (laund.)
DETACHER (laund.)
SHORT GIRL (laund.)
369. **Apparel and Furnishings Services, n.e.c.**
369.587 VAULT CUSTODIAN (clean., dye., & press.)
369.687 ASSEMBLER (clean., dye., & press.; laund.)
CHECKER (clean., dye., & press.; laund.)
INSPECTOR (clean., dye., & press.)
RUG INSPECTOR (clean., dye., & press.)
37 PROTECTIVE SERVICES
379. **Protective Services, n.e.c.**
379.687 SPRINKLER-FIRE-EXTINGUISHER INSPECTOR (any ind.)
40 PLANT FARMING
403. **Vegetable Farming**
403.687 CARROT GRADER-INSPECTOR (agric.)
404. **Fruit and Nut Farming**
404.687 WATERMELON INSPECTOR (agric.)
405. **Crop Specialty Farming**
405.587 CANE WEIGHER (agric.)
41 ANIMAL FARMING
412. **Poultry Farming**
412.687 CHICKEN SEXER (agric.)
CHICK GRADER (agric.)
413. **Livestock Farming**
413.684 BRAND INSPECTOR (gov. ser.)
413.687 WOOL-FLEECE GRADER (agric.)
WOOL-FLEECE SORTER (agric.)
43 FISHERY AND RELATED WORK
439. **Fishery and Related Work, n.e.c.**
439.687 CLAM-DREDGE MAN (fish.)
CRAB INSPECTOR (fish.)
44 FORESTRY
441. **Forest Conservation Work**
441.687 FIRE PATROLMAN (gov. ser.)
442. **Forest Products Production, Except Logging**
442.687 INSPECTOR, WREATH (forestry)
MEDICINAL-PLANT COLLECTOR (agric.)
51 ORE REFINING AND FOUNDRY WORK
512. **Melting**
512.687 PYROMETER MAN (found.)
514. **Pouring and Casting**
514.687 CASTING INSPECTOR (found.)
518. **Molding, Coremaking, and Related Work**
518.687 CORE CHECKER (found.)
52 PROCESSING, FOOD AND RELATED PRODUCTS
520. **Mixing, Compounding, Blending, Kneading, Shaping, and Related Work**
520.487 CHEESE BLENDER (dairy prod.)
PANTRYGIRL (confection.)
520.587 SCRAPMAN (macaroni & rel. prod.)
520.687 BLENDER (tobacco)
CASING-MATERIAL WEIGHER (tobacco)
521. **Separating, Crushing, Milling, Chopping, Grinding, and Related Work**
521.687 BINDER SELECTOR (tobacco)
522. **Culturing, Melting, Fermenting, Distilling, Saturating, Pickling, Aging, and Related Work**
522.687 LIQUOR INSPECTOR (distilled liquors)
523. **Heating, Rendering, Melting, Drying, Cooling, Freezing, and Related Work**
523.587 DRIER, SHORT GOODS (macaroni & rel. prod.)
525. **Slaughtering, Breaking, Curing, and Related**
525.687 HIDE INSPECTOR (slaught. & meat pack.)
SKIN GRADER (slaught.& meat pack.)
526. **Cooking and Baking, n.e.c.**
526.687 POTATO-CHIP SORTER (food prep., n.e.c.)
529. **Processing, Food and Related Products, n.e.c.**
529.585 MOISTURE-METER OPERATOR (tobacco)
529.587 FRANKFURTER INSPECTOR (slaught. & meat pack.)
MARKER, COMPANY (tobacco)
529.684 EXPANSION MAN (slaught. & meat pack.)
529.685 RESERVE OPERATOR (tobacco)
X-RAY INSPECTOR (tobacco)
529.687 CASINO GRADER (slaught. & meat pack.)
DEFLECTOR OPERATOR (malt liquors; vinous liquors)
EGG CANDLER (any ind.)
GRADER, DRESSED POULTRY (slaught. & meat pack.)
GRADER, GREEN MEAT (slaught. & meat pack.)
GRAIN PICKER (grain & feed mill.)
INSPECTOR, CANNED FOOD RECONDITIONING (can. & preserv.)
LEAF-SAMPLE MAN (tobacco)
LEAF-SIZE PICKER (tobacco)
LEAF SORTER (tobacco)
LIGHTOUT MAN (malt liquors)
SORTER, AGRICULTURAL PRODUCE (agric.; can. & preserv.; whole. tr.)
TICKET PULLER (tobacco)
TOBACCO GRADER (agric.; tobacco)
WRAPPER PICKER (tobacco)
WRAPPER SELECTOR (tobacco)
53 PROCESSING, PAPER AND RELATED MATERIALS
530. **Grinding, Beating, and Mixing**
530.687 RAG INSPECTOR (paper & pulp)
539. **Processing, Paper and Related Materials, n.e.c.**
539.485 ACCURAY TESTER (paper & pulp)
539.687 COATING-LINE CHECKER (paper & pulp)
CONTROL INSPECTOR (paper & pulp)
INSPECTOR, FIBROUS WALLBOARD (wallboard)
54 PROCESSING, PETROLEUM AND RELATED PRODUCTS
542. **Distilling, Subliming, and Carbonizing**
542.587 COKE INSPECTOR (coke prod.)
55 PROCESSING, CHEMICALS AND RELATED PRODUCTS
550. **Mixing and Blending**
550.584 METAL-BONDING-ADHESIVE CRIB ATTENDANT (aircraft mfg.)
553. **Heating, Baking, Seasoning, Melting, and Heat Treating**

553.585 DRY-HOUSE MAN (fireworks)
554. Coating, Calendering, Laminating, and Finishing
554.484 SAMPLER (fabric. plastics prod.; plastics mat.)
554.587 ROLL INSPECTOR (plastics mat.)
556. Casting and Molding, n.e.c.
556.684 CELL INSPECTOR (plastics mat.)
557. Extruding
557.684 CORRECTION MAN (synthetic fibers) I
559. Processing, Chemicals and Related Products, n.e.c.
559.485 ADHESION TESTER (rubber goods)
559.487 TEMPERATURE-CONTROL MAN (synthetic fibers)
559.587 QUALITY-CONTROL TESTER (plastics mat.)
SLAB INSPECTOR (rubber reclaim.)
VARNISH INSPECTOR (paint & varn.)
559.687 AMPOULE EXAMINER (drug. prep. & rel. prod.)
GUM GRADER (turp. & rosin)
TABLET TESTER (drug. prep. & rel. prod.)
TUBE SORTER (rubber reclaim.)
56 PROCESSING, WOOD AND WOOD PRODUCTS
561. Wood Preserving and Related Work
561.687 POLE INSPECTOR (wood preserving)
562. Saturating and Related Work, n.e.c.
562.687 WICKER SORTER (furn.)
563. Drying, Seasoning, and Related Work
563.687 MOISTURE TESTER (woodworking)
569. Processing, Wood and Wood Products, n.e.c.
569.687 PLUG SORTER (sawmill; woodworking)
ROSIN INSPECTOR (wood distil. & charc.)
SORTER (cork prod.) I
TREATING INSPECTOR (wood preserving)
VISUAL-AND-GAGE INSPECTOR (cork prod.)
57 PROCESSING, NONMETALLIC MINERALS AND RELATED PRODUCTS
573. Baking, Drying, and Heat Treating
573.687 SORTER (brick & tile)
TILE SORTER (brick & tile)
575. Forming
575.687 END FINDER, FORMING DEPARTMENT (glass mfg.)
MAT INSPECTOR (wallboard)
PRESS PIPE INSPECTOR (brick & tile)
579. Processing, Nonmetallic Minerals and Related Products, n.e.c.
579.585 SAMPLER-TESTER (asbestos prod.)
579.684 INSPECTOR (conc. prod.)
MICA TRIMMER (minerals & earths)
579.687 BEAMING INSPECTOR (leather mfg.)
GLASS INSPECTOR (any ind.)
MICA CLASSIFIER (minerals & earths)
MICA PATCHER (minerals & earths)
SELECTOR (glass mfg.)
58 PROCESSING, LEATHER AND TEXTILES
582. Washing, Steaming, and Saturating
582.587 CHEMICAL-STRENGTH TESTER (textile)
582.687 SHADE MATCHER (textile)
585. Singeing, Cutting, Shearing, Shaving, and Napping
585.687 PATCHER (leather mfg.)
586. Felting and Fulling
586.685 TESTING-MACHINE OPERATOR (felt goods)
589. Processing, Leather and Textiles, n.e.c.
589.487 YARN-TESTING WEIGHMAN (textile)
589.685 CLOTH SHADER (garment; textile)
589.687 CLOTH FOLDER, HAND (garment; textile)
GRADER (can. & preserv.)
PIECER (textile)
RAW-SILK GRADER (textile)
59 PROCESSING, N.E.C.
590. Processing, Assorted Materials
590.487 COLOR WEIGHER (linoleum)
599. Miscellaneous Processing, n.e.c.
599.487 CATHODE-COATING INSPECTOR (electronics)
60 METAL MACHINING
609. Metal Machining, n.e.c.
609.484 INSPECTOR, COLD WORKING (firearms)
609.587 BALL SORTER (mach. mfg.)
609.684 INSPECTOR, GENERAL (any ind.)
61 METALWORKING, N.E.C.
613. Sheet and Bar Rolling
613.687 MILL HAND, PLATE MILL (iron & steel)
616. Fabricating Machine Work
616.484 TRUER (spring)
616.685 CHAIN-TESTING-MACHINE OPERATOR (forging)
LOAD TESTER (spring)
62, 63 MECHANICAL REPAIRING
628. Textile Machinery and Equipment Repairing
628.684 PARTS INSPECTOR, TEXTILE MACHINERY (textile)
637. Utility Equipment Repairing
637.684 QUALITY-CONTROL TECHNICIAN (coin mach.)
64 PAPERWORKING
640. Paper Cutting, Winding, and Related Work
640.687 ROLL BOY (paper & pulp)
649. Paperworking, n.e.c.
649.487 INSPECTOR (paper & pulp)
649.687 PAPER-CONE GRADER (paper goods)
PAPER-PATTERN INSPECTOR (paper goods)
PAPER SORTER AND COUNTER (paper & pulp)
65 PRINTING
651. Printing Press Work
651.687 LITHOGRAPHED-PLATE INSPECTOR (tinware)
652. Printing Machine Work
652.587 CLOTH-PRINTING INSPECTOR (textile)
652.687 WALLPAPER INSPECTOR (wallpaper)
INSPECTOR AND SHIPPER (wallpaper)
653. Bookbinding and Related Work
653.687 COLLATOR (print. & pub.)
659. Printing, n.e.c.
659.687 COUNTER (print. & pub.)
INKMAN (print. & pub.)
RACKER, SILK-SCREEN PRINTING (any ind.)
66 WOOD MACHINING
667. Sawing
667.687 CEDAR MAN (sawmill)
669. Wood Machining, n.e.c.
669.587 GRADER (woodworking)
VENEER GRADER (venecr & plywood)
669.687 DOWEL INSPECTOR (woodworking)
VENEER MATCHER (veneer & plywood)
67 MACHINING, NONMETALLIC MINERALS AND RELATED MATERIALS
679. Machining, Nonmetallic Minerals and Related Materials, n.e.c.
679.587 STONE GRADER (mining & quarrying)
679.687 ASBESTOS-SHINGLE INSPECTOR (asbestos prod.)
68 TEXTILE MACHINE WORK
681. Twisting, Beaming, Warping, and Related Work
681.685 COVERING-MACHINE-OPERATOR HELPER (textile)
681.687 THREAD INSPECTOR (synthetic fibers)
YARN EXAMINER (glass mfg.; synthetic fibers; textile)
682. Spinning
682.687 ROVING-WEIGHT GAGER (textile)
683. Weaving and Related Work
683.487 BELTING-AND-WEBBING INSPECTOR (narrow fabrics)
683.684 HARNESS PULLER (textile)
WEAVING INSPECTOR (textile)
683.687 WARP-TENSION TESTER (textile)
684. Hosiery Knitting
684.684 STOCKING INSPECTOR (hosiery) I
684.687 PAIRER (hosiery)
RE-INSPECTOR (hosiery)
SIZER (hosiery)
685. Knitting, Except Hosiery
685.687 CLOTH INSPECTOR (knit goods)
DISH-CLOTH INSPECTOR (knit goods)
FINISHED-STOCK TENDER (knit goods)
PATROLLER (knit goods)
689. Textile Machine Work, n.e.c.
689.584 CARPET INSPECTOR, FINISHED (carpet & rug)
689.684 BURLER (carpet & rug; textile)
689.685 CLOTH EXAMINER, MACHINE (textile)
HOOKER-INSPECTOR (textile)
PICK-UP OPERATOR (textile)
689.687 CLOTH EXAMINER, HAND (narrow fabrics)
RUG INSPECTOR (fiber rugs)
YARN EXAMINER, SKEINS (textile)
69 MACHINE WORK, N.E.C.
692. Fabrication of Products from Assorted Materials
692.687 INSPECTOR, FILTER TIP (tobacco)
70 FABRICATION, ASSEMBLY, AND REPAIR OF METAL PRODUCTS, N.E.C.
700. Fabrication, Assembly, and Repair of Jewelry, Silverware and Related Products
700.687 INSPECTOR (jewelry)
701. Fabrication, Assembly, and Repair of Tools and Related Products
701.684 INSPECTOR, OPEN DIE (cut. tools)
701.687 LEVEL-VIAL CURVATURE GAGER (cut. tools)
LEVEL-VIAL INSPECTOR-AND-TESTER (cut. tools)
703. Sheet-Metal Products Assembly and Repair, n.e.c.
703.587 METAL-FINISH INSPECTOR (any ind.)
703.687 METAL-FINISH INSPECTOR (furn.)
TESTING-MACHINE OPERATOR (tinware)
704. Engraving, Etching, and Related Work
704.587 SPOILAGE GIRL (tinware)
706. Metal Unit Assembling and Adjusting, n.e.c.
706.587 SORTER (typewriters & parts)
706.687 CLUTCH INSPECTOR (auto. mfg.)
INSPECTOR, ALINING (typewriters & parts)
INSPECTOR, TYPE (typewriters & parts)
ROLLER-BEARING INSPECTOR (mach. mfg.; motor. & bicycles)
709. Fabrication, Assembly, and Repair of Metal Products, n.e.c.
709.587 INSPECTOR (cut. tools)
709.684 ASSEMBLY-LINE INSPECTOR (furn.)
709.687 INSPECTOR, WIRE PRODUCTS (wirework)
PROOF-COIN COLLECTOR (gov. ser.)
SPRING INSPECTOR (spring) II
ZYGLO INSPECTOR (any ind.)
71 FABRICATION AND REPAIR OF SCIENTIFIC AND MEDICAL APPARATUS, PHOTOGRAPHIC AND OPTICAL GOODS, WATCHES AND CLOCKS, AND RELATED PRODUCTS
710. Fabrication and Repair of Instruments for Measuring, Controlling, and Indicating Physical Characteristics
710.684 DIP-AND-SLOW-LIGHT TESTER (light, heat, & power)
SLOW-MOTION TESTER (light, heat, & power)
710.687 CALIBRATION CHECKER (inst. & app.) II
INSPECTOR, ETCHED METAL PARTS (inst. & app.)
SPEEDOMETER INSPECTOR (inst. & app.)
THERMOSTAT ADJUSTER (inst. & app.)
711. Fabrication and Repair of Optical Instruments and Lenses
711.487 TOPSIDE INSPECTOR (optical goods)
711.587 INSPECTOR, MULTIFOCAL LENS (optical goods)
711.687 LENS-BLANK GAGER (optical goods)
LENS-COATING INSPECTOR (optical goods)
LENS EXAMINER (optical goods)
712. Fabrication and Repair of Surgical, Medical, and Dental Instruments and Supplies
712.687 GAGER (surgical appl.)
GAS-MASK INSPECTOR (surgical appl.)
INSPECTOR, SURGICAL INSTRUMENTS (inst. & app.)
PAD INSPECTOR (surgical appl.)
713. Fabrication and Repair of Ophthalmic Goods
713.687 EYEGLASS-FRAME INSPECTOR (optical goods)
GLASS CHECKER (optical goods)
GLASS SHADER (optical goods)
INSPECTOR, CLIP-ON SUNGLASSES (optical goods)
LENS-BLOCK GAGER (optical goods)
714. Fabrication and Repair of Photographic Equipment and Supplies
714.684 CAMERA INSPECTOR (photo. apparatus)
714.687 FILM INSPECTOR (photo. apparatus)
SENSITIZED-PAPER TESTER (photo. apparatus)
715. Fabrication and Repair of Watches, Clocks, and Parts
715.585 TIMING-MACHINE OPERATOR (clock & watch)
715.587 DIAMOND SIZER AND SORTER (clock & watch; jewelry)
715.684 HAIRSPRING INSPECTOR (clock & watch) II
WHEEL AND PINION INSPECTOR (clock & watch)
715.685 TORQUE TESTER (clock & watch)
715.687 BALANCE-BRIDGE INSPECTOR (clock & watch)
BALANCE-TRUING INSPECTOR (clock & watch)
CASE INSPECTOR (clock & watch)
DIAL INSPECTOR (clock & watch)
FINAL INSPECTOR, MOVEMENT ASSEMBLY (clock & watch)
GAGER (clock & watch)
HAIRSPRING ADJUSTER (clock & watch)
INSPECTOR, CASING (clock & watch)
INSPECTOR, SOLDERING (clock & watch)
JEWEL GAGER (clock & watch)
JEWEL INSPECTOR (clock & watch)
MOTION INSPECTOR (clock & watch)
SCREW INSPECTOR (clock & watch)

715.687 TRANSFER INSPECTOR (clock & watch)
Con.

72 **ASSEMBLY AND REPAIR OF ELECTRICAL EQUIPMENT**

720. **Assembly and Repair of Radio and Television Receiving Sets and Phonographs**
720.684 TESTER, TELEVISION PICTURE TUBES (electronics)
720.687 INSPECTOR, MARKED REELS (electronics)
RECORD-CHANGER TESTER (phonograph)
TELEVISION-CHASSIS INSPECTOR (electronics)

721. **Assembly and Repair of Motors, Generators, and Related Products**
721.684 VENEER MATCHER (furn.)

723. **Assembly and Repair of Electrical Appliances, and Fixtures,**
723.687 CHECKER, HAIR DRIERS (elec. equip.)
TESTER AND INSPECTOR, LAMPS (light. fix.)
TOASTER TESTER (elec. equip.)

724. **Winding and Assembly of Coils, Magnets, Armatures, and Related Products**
724.685 WELD INSPECTOR (elec. equip.)

725. **Assembly of Light Bulbs and Electronic Tubes**
725.484 GRID INSPECTOR (electronics)
TUBE TESTER (electronics)
725.487 QUALITY-CONTROL INSPECTOR (elec. equip.)
725.584 MASK INSERTER AND INSPECTOR (electronics)
725.587 LEAK DETECTOR (electronics)
725.684 COILED-COIL INSPECTOR (elec. equip.)
QUALITY INSPECTOR (electronics)
725.687 BEAD INSPECTOR (elec. equip.)
COILER (elec. equip.) II

726. **Assembly and Repair of Electronic Components and Accessories, n.e.c.**
726.687 INSPECTOR, COMPONENTS (electronics)
TESTER, ELECTRONIC COMPONENTS (electronics)

727. **Storage Battery Assembly**
727.585 PLATE - SLITTER AND INSPECTOR (elec. equip.)
727.687 ALUMINUM-CONTAINER TESTER (elec. equip.)
ELECTRIC-CONTAINER TESTER (elec. equip.)
FINAL INSPECTOR (elec. equip.) II
INSPECTOR (elec. equip.) II
INSPECTOR, CONTAINER FINISHING (elec. equip.)
MOLDED-PARTS INSPECTOR (elec. equip.)
SPARK TESTER (elec. equip.)

729. **Assembly and Repair of Electrical Equipment, n.e.c.**
729.684 BATTERY-CHARGER TESTER, HIGH RATE (elec. equip.)
TESTER, ELECTRICAL CONTINUITY (elec. equip.)

73 **FABRICATION AND REPAIR OF PRODUCTS MADE FROM ASSORTED MATERIALS**

730. **Fabrication and Repair of Musical Instruments and Parts**
730.684 ACTION INSPECTOR (musical inst.)
CHIP TUNER (musical inst.)
FRETTED-INSTRUMENT INSPECTOR (musical inst.)
INSPECTOR, WOODWIND INSTRUMENTS (musical inst.)
TESTER (musical inst.)

731. **Fabrication and Repair of Games and Toys**
731.687 INSPECTOR, METAL TOYS (toys & games)

732. **Fabrication and Repair of Sporting Goods**
732.587 BOWLING-BALL WEIGHER AND PACKER (sports equip.)
BOW-WEIGHER (sports equip.)
GOLF-CLUB WEIGHER (sports equip.)
INSPECTOR, GOLF BALL (sports equip.)

733. **Fabrication and Repair of Pens, Pencils, and Office and Artists' Materials, n.e.c.**
733.587 INSPECTOR, RUBBER-STAMP DIE (pen & pencil)
733.687 INSPECTOR (pen & pencil)
INSPECTOR, BALL POINTS (nonfer. metal alloys)
INSPECTOR, FINAL ASSEMBLY (pen & pencil)
NIB INSPECTOR (pen & pencil)
PENCIL INSPECTOR (pen & pencil)
STENCIL INSPECTOR (pen & pencil)

734. **Fabrication of Notions**
734.687 BUCKLE INSPECTOR (button)
BUCKLE SORTER (button)
BUTTON GRADER (button)
BUTTON RECLAIMER (knit goods)
INSPECTOR, SLIDE FASTENERS (needle, pin, & rel. prod.)
SHELL-GRADER (button)
SORTER (button)
ZIPPER TRIMMER, HAND (needle, pin, & rel. prod.)

735. **Fabrication and Repair of Jewelry, n.e.c.**
735.587 COLORING CHECKER (jewelry)

736. **Fabrication and Repair of Ordnance and Accessories**
736.587 INSPECTOR, ASSEMBLY (firearms)
736.687 INSPECTOR, BARREL (firearms)

737. **Fabrication of Ammunition, Fireworks, Explosives, and Related Products**
737.487 PROPELLANT-CHARGE LOADER (ammunition)
737.685 SHAKER-PLATE OPERATOR (ammunition)
737.687 INSPECTOR (ammunition) II
INSPECTOR, BULLET SLUGS (ammunition)
INSPECTOR, FIREWORKS (fireworks)
INSPECTOR, SHELLS (ammunition)
MERCURY-CRACKING TESTER (ammunition)
MIXER (fireworks)
PRIMER INSPECTOR (ammunition)
SALVAGE GIRL (ammunition)

739. **Fabrication and Repair of Products Made from Assorted Materials, n.e.c.**
739.484 CHRONOGRAPH OPERATOR (ammunition; firearms)
FIRE-EQUIPMENT MAN (any ind.)
739.587 INSPECTION CLERK (linoleum)
739.687 BLOCK INSPECTOR (match)
BROOMCORN GRADER (broom)
CORK INSPECTOR (cork prod.)
EXAMINER (umbrella)
GASKET INSPECTOR (pipe & boiler cov.)
INSPECTOR (match)
INSPECTOR, OILCLOTH (artif. leather)
INSPECTOR, OIL FILTERS (aircraft mfg.; auto. mfg.)
PATCH DRILLER (smoking pipe)
PATCHER (smoking pipe)
SALVAGER (match)
SELECTOR (smoking pipe)
SPOT PICKER, MOLDED GOODS (linoleum)
TABLE WORKER (linoleum)

74 **PAINTING, DECORATING, AND RELATED WORK**

741. **Spray Painting**
741.587 PAINT-SPRAY INSPECTOR (any ind.)

75 **FABRICATION AND REPAIR OF PLASTICS, SYNTHETICS, RUBBER, AND RELATED PRODUCTS**

750. **Fabrication and Repair of Tires, Tubes, Tire Treads, and Related Products**
750.687 AIR-BAG TESTER (rubber tire & tube)
RACKER (rubber tire & tube)
TIRE BALANCER (rubber tire & tube)
TIRE INSPECTOR (auto. ser.)
TUBE INSPECTOR AND FINISHER (rubber tire & tube)

752. **Fitting, Shaping, Cementing, Finishing, and Related Work, n.e.c.**
752.687 FLOOR-MAT JUTER (rubber goods)

753. **Fabrication and Repair of Rubber and Plastic Footwear**
753.487 CLASSIFIER (rubber goods)
753.587 SORTER (rubber goods)
753.687 CALENDER INSPECTOR (rubber goods)
INSPECTOR (rubber goods)
INSPECTOR, SAMPLE PARTS (rubber goods)

759. **Fabrication and Repair of Plastics, Synthetics, Rubber, and Related Products, n.e.c.**
759.587 INSPECTOR AND TESTER (rubber goods)
759.684 EXPANSION-JOINT BUILDER (rubber goods)
759.687 CATHETER FINISHER AND INSPECTOR (rubber goods)
DEFECTIVE-HOSE INSPECTOR (rubber goods)
DE-ICER INSPECTOR, PNEUMATIC (rubber goods)
DE-ICER-KIT DUMPER (rubber goods)
FINAL INSPECTOR (rubber goods)
HOSE INSPECTOR-AND-BUNDLER (rubber goods)
HOSE TESTER (rubber goods)
MATTING INSPECTOR (rubber goods)
RUBBER-GOODS INSPECTOR-TRIMMER (rubber goods)
RUBBER-GOODS TESTER (rubber goods; rubber tire & tube)
WATER TESTER (rubber goods)

76 **FABRICATION AND REPAIR OF WOOD PRODUCTS**

761. **Laying Out, Cutting, Carving, Shaping, and Sanding, n.e.c.**
761.684 PANEL-LAY-UP MAN (woodworking)

762. **Assembly of Wood Products, n.e.c.**
762.684 BASKET FINISHER AND INSPECTOR (basketry)
762.687 BOX INSPECTOR (wood. box)
BOX REPAIRER (wood. box)
BOX SQUARER (wood. box)

763. **Fabrication and Repair of Furniture, n.e.c.**
763.684 ASSEMBLY INSPECTOR (furn.)
STOCK-PARTS INSPECTOR (furn.)
763.687 CHAIR INSPECTOR AND LEVELER (furn.)
FINISHED-STOCK INSPECTOR (furn.)

764. **Cooperage**
764.687 BARREL INSPECTOR, SLACK (cooperage)
BARREL INSPECTOR, TIGHT (cooperage)
CULLER (cooperage)
LOG INSPECTOR (sawmill)

769. **Fabrication and Repair of Wood Products, n.e.c.**
769.587 WOODWORK-SALVAGE INSPECTOR (firearms)
769.684 CANOE INSPECTOR, FINAL (ship & boat bldg. & rep.)
SHUTTLE INSPECTOR (shaped wood. art.)
769.687 BASKET GRADER (basketry)
BOBBIN INSPECTOR (shaped wood. art.)
FINAL INSPECTOR, SHUTTLES (shaped wood. art.)
INSPECTOR (woodworking)
SORTER (cork prod.) II
VENEER-STOCK GRADER (basketry; wood. box)

77 **FABRICATION AND REPAIR OF SAND, STONE, CLAY, AND GLASS PRODUCTS**

774. **Fabrication and Repair of Pottery and Porcelain Ware**
774.687 PRINT INSPECTOR (pottery & porc.)

775. **Grinding, Filing, Polishing, Frosting, Etching, Cleaning, and Related Work, n.e.c.**
775.687 INSPECTOR, GLASS OR MIRROR (mirror)
STOCK SHEETS CLEANER-INSPECTOR (mirror)

776. **Fabrication and Repair of Asbestos and Polishing Products, Abrasives, and Related Materials**
776.684 LABORATORY TECHNICIAN (abrasive & polish. prod.)
776.687 INSPECTOR (asbestos prod.)

779. **Fabrication and Repair of Sand, Stone, Clay, and Glass Products, n.e.c.**
779.687 DECORATING INSPECTOR (glass mfg.)
MICA INSPECTOR (minerals & earths)

78 **FABRICATION AND REPAIR OF TEXTILE, LEATHER, AND RELATED PRODUCTS**

780. **Upholstering and Mattress and Bedspring Fabrication and Repair**
780.587 SORTER, UPHOLSTERY PARTS (furn.)
780.684 TRIMMING ASSEMBLER (furn.)
780.687 COVER INSPECTOR (furn.)
INSPECTOR (matt. & bedspring)
MATTRESS INSPECTOR (rubber goods)

781. **Laying Out, Marking, Cutting, and Punching, n.e.c.**
781.484 MARKER (any ind.) I
781.684 CUTTING INSPECTOR (house furn.)
PANTS MARKER (ret. tr.)
WASTE SALVAGER (garment)
781.687 ASSEMBLER (garment; glove & mit.)
CLOTH EXAMINER, HAND (textile)
CUTTER HELPER (glove & mit.)
DRAPER (garment; knit goods)
GLOVE-PARTS INSPECTOR (glove & mit.)
LINING MATCHER (garment)

782. **Handsewing, Mending, Embroidering, Knitting, and Related Work, n.e.c.**
782.687 PARACHUTE INSPECTOR (tex. prod., n.e.c.)
SEAT-PACK INSPECTOR (tex. prod., n.e.c.)

784. **Fabrication and Repair of Hats, Caps, Gloves, and Related Products**
784.485 LEATHER CUTTER (glove & mit.)
784.687 FUR SORTER (hat & cap)
HAT-BODY SORTER (hat & cap)
SHADER, BUNDLER, AND COUNTER (leather prod.)
WEIGHER (hat & cap)

788. **Fabrication and Repair of Footwear**
788.584 SOLE SORTER (boot & shoe) II
788.587 JOB PUTTER-UP AND TICKET PREPARER (boot & shoe)
788.687 CASER, SHOE PARTS (boot & shoe)
COLOR MATCHER (boot & shoe)
ODD-SHOE GIRL (boot & shoe) I
PARTS-CHECKER AND DISTRIBUTOR (boot & shoe)

788.687 SHANK INSPECTOR (boot & shoe)
Con.
789. Fabrication and Repair of Textile, Leather, and Related Products, n.e.c.
789.587 BOXING INSPECTOR (garment; knit goods)
INSPECTOR (carpet & rug; house furn.; tex. bag; textile)
789.684 INSPECTOR (leather prod.)
789.685 INSPECTOR, TRIMMING MATERIAL (garment)
789.687 BUFFING-WHEEL INSPECTOR (tex. prod., n.e.c.)
CLOTH STOCKMAN (textile)
EXAMINER (glove & mit.)
FINISHER (embroid.; trim. & stamp. art goods)
GARMENT-ALTERATION EXAMINER (ret. tr.)
GARMENT EXAMINER (garment; ret. tr.; whole. tr.)
GARMENT INSPECTOR (garment; knit goods)
CUTTING INSPECTOR (garment)
SECONDS INSPECTOR (garment; knit goods)
GLOVE PAIRER (glove & mit.)
HIDE INSPECTOR (leather mfg.)
REDYE HAND (hosiery)
REMMANT MAN (textile)
SORTER (tex. prod., n.e.c.)
79 BENCH WORK, N.E.C.
790. Preparation of Food, Tobacco, and Related Products, n.e.c.
790.587 BOTTLE GAGER (distilled liquors)
CIGARETTE INSPECTOR (tobacco)
790.687 CATCHER, FILTER TIP (tobacco)
CIGARETTE - MAKING - MACHINE CATCHER (tobacco)
CIGARETTE-PACKAGE EXAMINER (tobacco)
CIGAR INSPECTOR (tobacco)
CIGAR PACKER (tobacco)
FRESH-WORK INSPECTOR (tobacco)
INSPECTOR (confection.)
794. Fabrication of Paper Products, n.e.c.
794.687 COUNTER, HAND (paper goods)
80 METAL FABRICATING, N.E.C.
806. Transportation Equipment Assembling and Related Work
806.684 TRANSMISSION TESTER (auto. mfg.)
806.687 FINAL INSPECTOR (auto. mfg.)
CHASSIS INSPECTOR (auto. mfg.)
OUTBOARD-MOTOR INSPECTOR (engine & turbine)
807. Body Work, Transportation Equipment
807.587 WATER-TEST RIDER (auto. mfg.)
807.687 INSPECTOR, SHIPPING (agric. equip.)
809. Miscellaneous Metal Fabricating, n.e.c.
809.687 INSPECTOR (furn.)
INSPECTOR AND TESTER (struct. & ornam. metalwork)
82 ELECTRICAL ASSEMBLING, INSTALLING, AND REPAIRING
824. Lighting Equipment and Building Wiring Assembly, Installation, and Repair, n.e.c.
824.683 NIGHT-PATROL INSPECTOR (signs)
827. Large Household Appliance and Similar Commercial and Industrial Equipment Assembly, Installation, and Repair
827.584 GAS-LEAK TESTER (refrigerat. equip.)
829. Assembly, Installation, and Repair of Electrical Products, n.e.c.
829.684 BATTERY INSPECTOR (loco. & car bldg. & rep.)
BODY WIREMAN (auto. mfg.; trans. equip.)
85 EXCAVATING, GRADING, PAVING, AND RELATED WORK
859. Excavating, Grading, Paving, and Related Work, n.e.c.
859.587 GRAVEL INSPECTOR (const.)
86 CONSTRUCTION WORK, N.E.C.
862. Plumbing, Gas Fitting, Steam Fitting, and Related Work
862.685 WATER-TEST MAN (any ind.)
862.687 COOLING-PIPE INSPECTOR (const.)
HOLIDAY-DETECTOR OPERATOR (const.)
869. Miscellaneous Construction Work, n.e.c.
869.487 MEASUREMAN (struct. & ornam. metalwork)
91 TRANSPORTATION WORK, N.E.C.
910. Railroad Transportation
910.587 CAR SEALER (r.r. trans.)
910.684 CAR INSPECTOR (petrol. refin.)
910.687 CAR INSPECTOR (loco. & car bldg. & rep.)
911. Water Transportation
911.687 SOUNDER (any ind.)
914. Pumping and Pipeline Transportation
914.584 LINE WALKER (petrol. production; petrol. refin.; pipe lines)
915. Parking Lot and Related Service Work
915.587 GAS AND OIL MAN (auto. ser.; motor trans.)
919. Miscellaneous Transportation Work, n.e.c.
919.687 CHECKER (motor trans.)
92 PACKAGING AND MATERIALS HANDLING
920. Packaging
920.587 SAMPLE-HANDKERCHIEF GIRL (garment)
920.687 CAN INSPECTOR (can. & preserv.; malt liquors)
CAN PATCHER (can. & preserv.)
CAN RECONDITIONER (can. & preserv.)
CARTON INSPECTOR (tobacco)
LINEN-SUPPLY LOAD BUILDER (laund.)
SNUFF-CONTAINER INSPECTOR (tobacco)
VACUUM TESTER, CANS (can. & preserv.)
921. Hoisting and Conveying
921.587 TRANSFORMER-STOCKROOM MAN (light, heat, & power)
922. Materials Moving and Storing, n.e.c.
922.487 SORTER OPERATOR (sawmill)
922.687 BOBBIN SORTER (glass mfg.; synthetic fibers; textile)
YARDMAN, USED BUILDING MATERIALS (ret. tr.)
YARN SORTER (textile)
929. Packaging and Materials Handling, n.e.c.
929.487 STOCK MIXER (felt goods; textile)
929.687 PICKER, BEAM PRESS OR CLICKER (rubber goods)
UPPER-LEATHER SORTER (boot & shoe)
WRAPPER COUNTER (tobacco)
94 LOGGING
940. Timber Cutting and Related Work
940.687 BARK FITTER (logging)
941. Log Inspecting, Grading, Scaling, and Related Work
941.684 BOOM MAN (logging)
941.687 PICKER (excelsior)
TIE INSPECTOR (sawmill)
942. Log Sorting, Gathering, Storing, and Related Work
942.687 PULP PILER (logging)
95 PRODUCTION AND DISTRIBUTION OF UTILITIES
953. Production and Distribution of Gas
953.684 ODORIZATION MAN (light, heat, & power)
96 AMUSEMENT, RECREATION, AND MOTION PICTURE WORK, N.E.C.
969. Miscellaneous Amusement, Recreation, and Motion Picture Work, n.e.c.
969.687 FILM INSPECTOR (motion pic.) I
97 GRAPHIC ART WORK
971. Photoengraving
971.684 BLOCKER (print. & pub.)
976. Darkroom Work, n.e.c.
976.687 PHOTO CHECKER AND ASSEMBLER (any ind.)
979. Graphic Art Work, n.e.c.
979.687 EXAMINER (print. & pub.)

TYPING AND RELATED RECORDING

.588

Work Performed

Work activities in this group primarily involve recording or transmitting verbal or coded material by the use of such office machines as typewriter, teletypewriter, tape perforator, Braille machine, and telegraphic key.

Worker Requirements

An occupationally significant combination of: Attentiveness to detail to avoid errors in transferring data from records or draft copies; motor coordination and finger dexterity; adaptibility for repetitious work; form perception; and willingness to work under direction of others.

Clues for Relating Applicants and Requirements

Completion of typing and related commercial courses in high school or commercial school.

Satisfactory scores in clerical aptitude and achievement tests.

Training and Methods of Entry

A majority of workers who enter this field are high school graduates who have received specialized training in typing and business methods through courses in high school or business schools. A satisfactory score on a typing test is usually required. On-the-job training designed to help the individual acquire proficiency in specific machine operation is customary.

RELATED CLASSIFICATIONS

Secretarial and Related Work (.268; .368) p. 263
Classifying, Filing, and Related Work (.388) p. 276
Stenographic and Related Work (.388) p. 278
Typesetting, Reproducing, and Related Machine Work (.382; .582) p. 274

QUALIFICATIONS PROFILE

GED: 3 4
SVP: 4 3 5

Apt:	GVN	SPQ	KFM	EC
	3 3 4	4 3 3	3 3 3	5 5
		4 2	2 2	

Int: 3
Temp: 3 2 Y
Phys. Dem: S L 4 6

15 **ENTERTAINMENT AND RECREATION**

152. **Music**

152.588 MUSIC COPYIST (clerical)

20 **STENOGRAPHY, TYPING, FILING, AND RELATED WORK**

203. **Typing**

203.588 TELEGRAPHIC-TYPEWRITER OPERATOR (clerical)
TYPIST (clerical)
PERFORATOR TYPIST (clerical)
WIRES-TRANSFER CLERK (banking)

208. **Miscellaneous Office Machine Work**

208.588 BRAILLE-MACHINE OPERATOR (print. & pub.)
CRYPTOGRAPHIC-MACHINE OPERATOR (clerical)

208.588 Con. PHOTOCOMPOSING-MACHINE PERFORATOR OPERATOR (print. & pub.)
TELAUTOGRAPH OPERATOR (clerical)
TRANSCRIBING-MACHINE OPERATOR (clerical)
TYPESETTER-PERFORATOR OPERATOR (print. & pub.)

209. **Stenography, Typing, Filing, and Related Work, n.e.c.**

209.588 ADDRESSER (clerical)
TRANSLATOR, BRAILLE (print. & pub.)

21 **COMPUTING AND ACCOUNT RECORDING**

213. **Automatic Data Processing**

213.588 DATA TYPIST (clerical)

213.588 Con. VERIFIER OPERATOR (clerical)

216. **Computing-Machine Work**

216.588 FOOD TABULATOR, CAFETERIA (hotel & rest.)
INTEGRATOR OPERATOR (clerical)

23 **INFORMATION AND MESSAGE DISTRIBUTION WORK**

231. **Mail Sorting, Stamping, Recording, Routing, and Related Work**

231.588 TRUST-MAIL CLERK (banking)

236. **Telegraph Work**

236.588 MORSE OPERATOR (tel. & tel.)
TELEGRAPHER (r.r. trans.)
TELEGRAPHER AGENT (r.r. trans.)

ROUTINE CHECKING AND RECORDING

.588; .688

Work Performed

Work activities in this group primarily involve checking, entering, and posting verbal and numerical data on stocklists, ledgers, registers, and similar standardized record forms, and performing related routine clerical duties.

Worker Requirements

An occupationally significant combination of: Common sense to learn and follow routine clerical procedures; verbal ability and clerical aptitude to keep accurate and legible records and to perform such tasks as sorting bills, receipts, and invoices; temperament to perform repetitive work requiring constant and close attention to clerical details; and numerical ability to perform simple arithmetic when required.

Clues for Relating Applicants and Requirements

Experience in any activity involving elemental records keeping.
Preference for routine, organized work situation.
Legible handwriting.
Neat appearance and apparent predisposition toward orderliness.

Training and Methods of Entry

High school courses, such as bookkeeping and typing, generally provide familiarity with elementary clerical skills, and up to 3 months on-the-job experience is usually sufficient to familiarize entry workers with clerical procedures and forms used in specific establishments.

RELATED CLASSIFICATIONS

Classifying, Filing, and Related Work (.388) p. 276
Customer Service Work, n.e.c. (.468; .478) p. 501
Sorting, Inspecting, Measuring, and Related Work (.484; .485; .487; .584; .585; .587; .683; .684; .685; .687) p. 282
Typing and Related Recording (.588) p. 287

QUALIFICATIONS PROFILE

GED: 3
SVP: 3 2 4

Apt:	GVN	SPQ	KFM	EC
	3 3 4	4 4 2	3 4 4	5 5
	2 4 3	5 4 1	4	4

Int: 3
Temp: 2 Y
Phys. Dem: S L 4 6

07 **MEDICINE AND HEALTH**
079. **Medicine and Health, n.e.c.**
079.588 DIET CLERK (medical ser.)
16 **ADMINISTRATIVE SPECIALTIES**
168. **Inspecting and Investigating, Managerial and Public Service**
168.688 LOADING INSPECTOR (r.r. trans.)
PERISHABLE-FREIGHT INSPECTOR (r.r. trans.)
19 **MISCELLANEOUS PROFESSIONAL, TECHNICAL, AND MANAGERIAL WORK**
191. **Business Relations Work, n.e.c.**
191.688 MATERIAL-AND-EQUIPMENT CLASSIFIER (gov. ser.)
20 **STENOGRAPHY, TYPING, FILING, AND RELATED WORK**
206. **Filing**
206.588 BRAND RECORDER (gov. ser.)
209. **Stenography, Typing, Filing, and Related Work, n.e.c.**
209.588 CAR CHECKER (clerical)
CLERK, GENERAL (clerical)
CONTACT CLERK (light, heat, & power)
CLERK-TYPIST (clerical)
BORDEREAU CLERK (insurance)
COPY HOLDER (clerical)
CREDIT CARD CLERK (ret. tr.)
CUSTOMER-CONTROL CLERK (clerical)
HISTORY-CARD CLERK (light, heat, & power)
LIBRARY CLERK, TALKING BOOKS (library)
MARKER (ret. tr.; whole. tr.)
PRICE CLERK (clerical)
RETURN-TO-FACTORY CLERK (clerical)
ROUTING CLERK (banking)
209.688 BRAILLE PROOFREADER (print. & pub.)
CHECKER (clerical) II
CHECKING CLERK (banking)
DISPLAY-DESK CLERK (print. & pub.)
METAL-RELEASE MAN (nonfer. metal alloys)
ORDER CALLER (clerical)
YARDAGE CALLER (textile)
PROOFREADER (print. & pub.) I
REVIEWER (insurance)
SORTER (clerical)
WEIGHT CALLER (clerical)
21 **COMPUTING AND ACCOUNT RECORDING**
210. **Bookkeeping**
210.588 INSURANCE CLERK (clerical) II
219. **Computing and Account Recording, n.e.c.**
219.588 COIN-MACHINE OPERATOR (banking)
POSTING CLERK (clerical)
BOOKMAN (whole. tr.)
CHARGE-REFER CLERK (clerical)
DATA-CHANGE CLERK (insurance)
ERROR-LEDGER CLERK (clerical)
KARDEX CLERK (clerical)
219.588 Con. METER-ORDER CLERK (light, heat, & power)
REMITTANCE CLERK (insurance)
SUSPENSE CLERK (light, heat, & power)
SUSPENSE-RETIREMENT-CLEARANCE LEDGER CLERK (light, heat, & power)
TELEGRAPH-SERVICE RATER (tel. & tel.)
219.688 CONTROL CLERK, DATA PROCESSING (clerical)
TALLYMAN, FISH (gov. ser.)
22 **MATERIAL AND PRODUCTION RECORDING**
221. **Clerical Work, Production**
221.588 CHECKER-IN (boot & shoe)
FREQUENCY CHECKER (glass mfg.; synthetic fibers; textile)
JACKET PREPARER (print. & pub.)
JOB TRACER (clerical)
SCHEDULE CLERK (print. & pub.)
TICKET SCHEDULER (boot & shoe)
222. **Clerical Work, Shipping and Receiving**
222.588 DELIVERY CLERK (clerical)
LOCATION MAN (water trans.)
PHOTOPRINT CHECKER (clerical)
SHOP CLERK, GRAIN ELEVATORS (grain & feed mill.)
TRAFFIC CLERK (clerical) I
TRAFFIC CLERK (clerical) II
WRONG-ADDRESS CLERK (ret. tr.)
223. **Stock Checking and Related Work**
223.588 CHECK-OUT MAN (whole tr.)
SAMPLER, WOOL (whole. tr.)
SWATCH CLERK (garment)
TALLYMAN (clerical)
FIELD CHECKER (agric.)
224. **Weighing**
224.588 COTTON WEIGHER (agric.)
224.688 WEIGHT TAKER (agric.)
229. **Material and Production Recording, n.e.c.**
229.588 COUNTER (agric.)
FILE-ROOM CUSTODIAN-AND-STABILITY-PROGRAM CLERK (clerical)
OBSERVER, WATER-SALES-MEASUREMENT (light, heat, & power)
OUTSOLE SCHEDULER (boot & shoe)
SHADE-TICKET MARKER (garment)
TICKET MARKER (whole. tr.)
229.688 CLAIMS CLERK (auto. mfg.)
23 **INFORMATION AND MESSAGE DISTRIBUTION**
231. **Mail Sorting, Stamping, Recording, Routing, and Related Work**
231.588 MAIL CLERK (clerical)
DIRECT-MAIL CLERK (clerical)
REGISTERED-MAIL CLERK (banking)
231.688 DISTRIBUTION CLERK (gov. ser.)
235. **Telephone Work**
235.588 CLERK, ROUTE (tel. & tel.)
SERVICE OBSERVER (tel. & tel.)
239. **Information and Message Distribution, n.e.c.**
239.588 BOARD BOY (finan. inst.)
CLERK, DIRECTORY (tel. & tel.)
METER READER (light, heat, & power; waterworks)
PLOTTING BOARD OPERATOR (air trans.)
ROUTER (clerical)
239.688 CLERK, INSPECTION (tel. & tel.)
24 **MISCELLANEOUS CLERICAL WORK**
249. **Miscellaneous Clerical Work, n.e.c.**
249.588 MAP CLERK (agric.)
SHEET WRITER (amuse. & rec.) II
STATION-HOUSE CLERK (gov. ser.)
REGISTRATION CLERK (gov. ser.) I
TICKET COUNTER (amuse. & rec.)
249.688 BROADCAST CHECKER (radio & tv broad.)
PRODUCTION MAN (ret. tr.)
37 **PROTECTIVE SERVICES**
375. **Police and Related Work, Public Service**
375.588 PARKING ENFORCEMENT OFFICER (gov. ser.)
52 **PROCESSING, FOOD AND RELATED PRODUCTS**
523. **Heating, Rendering, Melting, Drying, Cooling, Freezing, and Related Work**
523.688 WEIGH-BELT OPERATOR (tobacco)
529. **Processing, Food and Related Products, n.e.c.**
529.688 KOSHER INSPECTOR (dairy prod.)
65 **PRINTING**
654. **Typecasting and Related Work**
654.688 MATRIX INSPECTOR (type founding)
79 **BENCH WORK, N.E.C.**
790. **Preparation of Food, Tobacco, and Related Products, n.e.c.**
790.688 LUMP INSPECTOR (tobacco)
90 **MOTOR FREIGHT TRANSPORTATION**
909. **Motor Freight Transportation, n.e.c.**
909.588 SPOTTER (motor trans.)
91 **TRANSPORTATION WORK, N.E.C.**
910. **Railroad Transportation**
910.688 TRACK WALKER (r.r. trans.)
TRAIN CLERK (r.r. trans.)
92 **PACKAGING AND MATERIALS HANDLING**
929 **Packaging and Materials Handling, n.e.c.**
929.688 CAN INSPECTOR (tobacco)
95 **PRODUCTION AND DISTRIBUTION OF UTILITIES**
952. **Generation, Transmission, and Distribution of Electric Light and Power**
952.588 TURBINE ATTENDANT (light, heat, & power)
96 **AMUSEMENT, RECREATION, AND MOTION PICTURE WORK, N.E.C.**
969. **Miscellaneous Amusement, Recreation, and Motion Picture Work, n.e.c.**
969.688 FILM VIEWER (motion pic.)
97 **GRAPHIC ART WORK**
976. **Darkroom Work, n.e.c.**
976.588 REPLACEMENT GIRL (motion pic.)

SWITCHBOARD SERVICE

.862

Work Performed

Work activities in this group primarily involve operating telephone switchboards to relay incoming and internal calls to phones in an establishment and make connections with external lines for outgoing calls. Taking messages, supplying information to callers, and recording number of calls made and charges are frequently involved.

Worker Requirements

An occupationally significant combination of: Tact and courtesy; motor coordination; finger and manual dexterity; ability to adjust to routine work; an affinity for dealing with people; verbal ability; good hearing; and a pleasant speaking voice.

Clues for Relating Applicants and Requirements

Courtesy and tact evident in an interview.
High score in motor coordination on aptitude test.
Pleasant speaking voice.
Clerical course in high school.
Expressed preference for public contact work.

Training and Methods of Entry

Most workers start as trainees and undergo a period of closely supervised on-the-job training. Personal characteristics, particularly the ability to deal with the public, are strong qualifying factors. Some sort of commercial curriculum in school can provide a good background for entry into this type of work.

RELATED CLASSIFICATIONS

Routine Checking and Recording (.588; .688) p. 289
Miscellaneous Customer Service Work (.863; .864; .865; .867: .873; .874; .877) p. 503

QUALIFICATIONS PROFILE

GED: 3
SVP: 3

Apt:	GVN	SPQ	KFM	EC
	3 3 4	4 3 3	3 3 3	5 4
		2	2	

Int: 2 3
Temp: 2 5
Phys. Dem: L 4 5 6

23 **INFORMATION AND MESSAGE DISTRIBUTION WORK**

235. **Telephone Work**

235.862 CENTRAL-OFFICE OPERATOR (tel. & tel.)
GAMEWELL OPERATOR (gov. ser.)
SWITCHBOARD OPERATOR, POLICE DISTRICT (gov. ser.)
INFORMATION OPERATOR (tel. & tel.)
TELEPHONE-ANSWERING-SERVICE OPERATOR (bus. ser.)
TELEPHONE OPERATOR (clerical)

COUNSELING, GUIDANCE, AND SOCIAL WORK

		Page
.088	Social Science, Psychological, and Related Research	294
.108 .208	Guidance and Counseling	296
.168 .268	Interviewing, Information-Giving, and Related Work (Vocational, Educational, and Related Activities) *see under* BUSINESS RELATIONS	250

SOCIAL SCIENCE, PSYCHOLOGICAL, AND RELATED RESEARCH

.088

Work Performed

Work activities in this group primarily involve investigation into governments, ethnic groups, social units, cultures, languages, economic conditions, and other elements of a society, and into various aspects of the individual human being, such as his intelligence, socialization, personality, emotionality, or industrial efficiency. Typically, workers are engaged in collecting, evaluating, and interpreting data; formulating, devising, or developing original theories, methods, procedures, or techniques aimed at solving theoretical or practical problems or adding enlightenment to specific areas of knowledge; and communicating the findings and conclusions of research endeavors through reports, lectures, publications, and other media.

Worker Requirements

An occupationally significant combination of: The intelligence to understand the principles, laws, and methods of investigation into a particular field of knowledge; lucidity in expression; organizational ability; high degree of rationality; inventiveness; analytical ability; and, in some cases, an understanding of the methods of statistical or mathematical analysis.

Clues for Relating Applicants and Requirements

Level of attainment in language, mathematics, or reasoning ability as indicated by scores on aptitude tests and grades in educational courses.

Clear, coherent verbal experssion.

Strong interest in human motivation, behavior, or well-being as evidenced by reading habits and similar leisure-time interests.

Participation in group discussions, social organizations, or club work.

Training and Methods of Entry

Generally, a master's degree is the minimum requirement for professional employment in psychology or in any of the social sciences in this group. Those social scientists with this degree qualify for college instructorships in some schools and many nonteaching positions in government and industry. Psychologists with this degree, however, mainly assist in laboratory experiments, statistical analysis, and construction of tests. In some social sciences, such as anthropology, training in the field is a requirement for the master's degree.

In most schools a Ph. D. is the usual requirement for a faculty position and for the more responsible administrative and research positions. Three to six years of graduate work, and, in some cases, 1 year of internship is usually sufficient to obtain a doctorate.

For the most part, a bachelor's degree is not adequate preparation for entrance into professional employment in any of the social sciences or in psychology. Some graduate schools offer temporary positions and assistantships to persons working on advanced degrees, and some private firms accept economists with this degree and train them in management. Many entry applicants without a graduate degree obtain beginning routine research and administrative positions in government and industry in their respective fields.

RELATED CLASSIFICATIONS

High School, College, University, and Related Education (.228) p. 341
Scientific Research (.081) p. 466
Consultative and Business Services (.168; .268) p. 248

QUALIFICATIONS PROFILE

GED: 5 6
SVP: 7 8

Apt:	GVN	SPQ	KFM	EC
	1 1 2	3 4 3	4 4 4	5 5
	2 2 1	2		
	3			

Int: 7 8 6
Temp: 4 9 0
Phys. Dem: S 5

04 **LIFE SCIENCES**
045. **Psychology**
045.088 PSYCHOLOGIST, DEVELOPMENTAL (profess. & kin)
PSYCHOLOGIST, EDUCATIONAL (profess. & kin.)
PSYCHOLOGIST, ENGINEERING (profess. & kin.)
PSYCHOLOGIST, EXPERIMENTAL (profess. & kin.)
PSYCHOLOGIST, SOCIAL (profess. & kin.)
PSYCHOMETRIST (profess. & kin.)
05 **SOCIAL SCIENCES**
050. **Economics**
050.088 ECONOMIST (profess. & kin.)
AGRICULTURAL ECONOMIST (profess. & kin.)
FINANCIAL ECONOMIST (profess. & kin.)
INDUSTRIAL ECONOMIST (profess. & kin.)
INTERNATIONAL-TRADE ECONOMIST (profess. & kin.)
LABOR ECONOMIST (profess. & kin.)
PRICE ECONOMIST (profess. & kin.)
TAX ECONOMIST (profess. & kin.)
050.088 MARKET-RESEARCH ANALYST (profess. & kin.) I Con.
051. **Political Science**
051.088 POLITICAL SCIENTIST (profess. & kin.)
INTERNATIONAL-RELATIONS SPECIALIST (profess. & kin.)
052. **History**
052.088 HISTORIAN (profess. & kin.)
BIOGRAPHER (profess. & kin.)
GENEALOGIST (profess. & kin.)
HISTORIAN, DRAMATIC ARTS (profess. & kin.)
054. **Sociology**
054.088 RESEARCH WORKER, SOCIAL WELFARE (profess. & kin.)
SOCIOLOGIST (profess. & kin.)
CRIMINOLOGIST (profess. & kin.)
INDUSTRIAL SOCIOLOGIST (profess. & kin.)
PENOLOGIST (profess. & kin.)
RURAL SOCIOLOGIST (profess. & kin.)
SOCIAL ECOLOGIST (profess. & kin.)
SOCIAL PATHOLOGIST (profess. & kin.)
054.088 URBAN SOCIOLOGIST (profess. & kin.) Con.
055. **Anthropology**
055.088 ANTHROPOLOGIST (profess. & kin.)
ANTHROPOLOGIST, PHYSICAL (profess. & kin.)
ARCHEOLOGIST (profess. & kin.)
ETHNOLOGIST (profess. & kin.)
059. **Social Sciences, n.e.c.**
ECONOMIC GEOGRAPHER (profess. & kin.)
059.088 INTELLIGENCE RESEARCH SPECIALIST (profess. & kin.)
INTELLIGENCE SPECIALIST (gov. ser.)
PHILOLOGIST (profess. & kin.)
ETYMOLOGIST (profess. & kin.)
POLITICAL GEOGRAPHER (profess. & kin.)
SCIENTIFIC LINGUIST (profess. & kin.)
16 **ADMINISTRATIVE SPECIALTIES**
166. **Personnel and Training Administration**
166.088 JOB ANALYST (profess. & kin.)
POSITION CLASSIFIER (gov. ser.)

GUIDANCE AND COUNSELING

.108; .208

Work Performed

Work activities in this group primarily involve guiding and/or counseling individuals or groups in the solution of occupational, educational, personal, or social problems. Typical situations would be assisting prison parolees in gaining employment and adjusting to society; counseling high school students about college admission requirements and curricula; counseling unhappy or frustrated workers or jobseekers into more fulfilling work; and assisting troubled individuals or families toward normal social adjustment and development.

Worker Requirements

An occupationally significant combination of: Sympathetic attitude toward the welfare of others; capacity to absorb training and apply knowledge to the solution of diverse problems; verbal facility to relate to people at all levels; organizational ability in order to plan and direct guidance programs; tact, poise, and general demeanor that tend to inspire confidence and esteem.

Clues for Relating Applicants and Requirements

Volunteer welfare work for local church group.
Expressed preference for public contact work.
Membership in school debating club.
Successful academic record in pertinent courses, such as psychology or education.
Poise and self-confidence exhibited in an interview.
Elective office in school.

Training and Methods of Entry

A college degree is the minimum requirement for entry into this field. In most cases, education beyond the 4-year college level is required, varying according to the individual situation.

Most municipal and State governments and private organizations require 2 years of graduate study from applicants who are interested in pursuing social work as a career.

Openings in school-counseling work are usually available to individuals who have State teaching certificates and special certificates for school counseling. Most States issue counselor certificates only to people with a master's degree or the equivalent in counselor education, as well as actual teaching experience.

A graduate degree in psychology serves as an excellent qualification for entry into numerous positions, particularly those in industry.

RELATED CLASSIFICATIONS

Administration (.118 .168) p. 237
Interviewing, Information-Giving, and Related Work (Vocational, Educational, and Related Activities) (.168; .268) p. 250
High School, College, University, and Related Education (.228) p. 341
Social Science, Psychological, and Related Research (.088) p. 294

QUALIFICATIONS PROFILE

GED: 5 6
SVP: 7 8

Apt:	GVN	SPQ	KFM	EC
	113	444	444	55
	22			

Int: 4 6 5 8
Temp: 5 9 4
Phys. Dem: S L 4 5 6

04 **LIFE SCIENCES**
045. **Psychology**
045.108 COUNSELOR (profess. & kin.) II
COUNSELOR, NURSES' ASSOCIATION (medical ser.)
DIRECTOR OF GUIDANCE (profess. & kin.)
PSYCHOLOGIST, CLINICAL (profess. & kin.)
PSYCHOLOGIST, COUNSELING (profess. & kin.)
PSYCHOLOGIST, INDUSTRIAL (profess. & kin.)
PSYCHOLOGIST, SCHOOL (profess. & kin.)
RESIDENCE COUNSELOR (education)
09 **EDUCATION**
099. **Education, n.e.c.**
099.108 DEAN OF BOYS (education)
FOREIGN-STUDENT ADVISER (education)
099.208 TEACHER, VISITING (education)

12 **RELIGION AND THEOLOGY**
120. **Ministerial Work**
120.108 CLERGYMAN (profess. & kin.)
MISSIONARY (profess. & kin.)
129. **Religion and Theology, n.e.c.**
129.108 CHRISTIAN SCIENCE PRACTITIONER (profess. & kin.)
DIRECTOR OF RELIGIOUS ACTIVITIES (education)
DIRECTOR, RELIGIOUS EDUCATION (nonprofit organ.)
129.208 PARISH WORKER (profess. & kin.)
19 **MISCELLANEOUS PROFESSIONAL, TECHNICAL, AND MANAGERIAL WORK**
195. **Social and Welfare Work**
195.108 CASEWORKER (profess. & kin.)

195.108 Con. CASEWORKER, CHILD WELFARE (profess. & kin.)
CASEWORKER, FAMILY (profess. & kin.)
PAROLE OFFICER (profess. & kin.)
PROBATION OFFICER (profess. & kin.)
SOCIAL WORKER, MEDICAL (profess. & kin.)
SOCIAL WORKER, PSYCHIATRIC (profess. & kin.)
SOCIAL WORKER, SCHOOL (profess. & kin.)
COMMUNITY RELATIONS AND SERVICES ADVISOR, PUBLIC HOUSING (profess. & kin.)
GROUP WORKER (profess. & kin.)
SOCIAL GROUP WORKER (profess. & kin.)
SOCIAL WORKER, DELINQUENCY PREVENTION (profess. & kin.)
195.208 CASE AID (profess. & kin.)

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CRAFTS

		Page
.130 .131 .132 .133 .134 .137	Supervisory Work (Farming, Logging, Manufacturing, Processing, Construction, Transportation, and Related Activities)	299
.138	Supervisory Work (Farming, Logging, Manufacturing, Processing, Construction, Transportation, and Related Activities)	305
.261 .361	Costuming, Tailoring, and Dressmaking	308
.281 .381	Artistic Restoration, Decoration, and Related Work *see under* ART	234
.281 .381	Cooking and Related Work	310
.281 .381	Craftsmanship and Related Work	312
.484 .485 .487 .584 .585 .587 .683 .684 .685 .687	Sorting, Inspecting, Measuring, and Related Work *see under* CLERICAL WORK	282
.781	Precision Working	319
.884	Manipulating	322

SUPERVISORY WORK (Farming, Logging, Manufacturing, Processing, Construction, Transportation, and Related Activities)
.130; .131; .132; .133; .134; .137

Work Performed

Work activities in this group primarily involve supervising and coordinating the activities of workers in such fields as manufacturing, processing, construction, and transportation. Skill in the particular field of work and in the use of materials, tools, and machines involved is essential because workers are frequently required to participate in the work of their subordinates.

Worker Requirements

An occupationally significant combination of: Ability to understand, learn, and apply the techniques appropriate to the field of work supervised; ability to communicate this knowledge to the persons supervised; ability to demonstrate efficient technical "know-how" or work along with subordinates in difficult phases of a job; initiative and drive; and ability to maintain harmony in working relationships and among workers.

Clues for Relating Applicants and Requirements

Good physical condition.
Success as worker in applicable trade or craft.
Vocational training in school.
Desire for recognition.
Leadership in school, organization, or community activities.

Training and Methods of Entry

Individuals usually enter into supervisory work of this type from the worker ranks since skill in the appropriate trade or craft and mastery of its tools and machines is of paramount importance. Training may be finished by the employer either on the job or in formalized courses. It also may be procured by the employee on his own initiative in technical or other appropriate schools.

RELATED CLASSIFICATIONS

Supervisory Work (Services and Related Activities) (.138) p. 461
Supervisory Work (Farming, Logging, Manufacturing, Processing, Construction, Transportation, and Related Activities) (.138) p. 305

QUALIFICATIONS PROFILE

GED: 4
SVP: 8 7

Apt:	GVN	SPQ	KFM	EC
	3 3 3	3 3 4	3 3 3	5 4
		2 2	2 2	3 5

Int: 9 5
Temp: 1 4 5
Phys. Dem: L M H 2 3 4 5 6

19 **MISCELLANEOUS PROFESSIONAL, TECHNICAL, AND MANAGERIAL WORK**
197. **Managerial and Technical Work, Water Transportation**
197.130 CADET ENGINEER (water trans.)
ENGINEER (water trans.)
197.133 CAPTAIN, FISHING VESSEL (fish.)
MASTER, YACHT (water trans.)
MATE, FISHING VESSEL (fish.)
MATE, SHIP (water trans.)
PILOT, SHIP (water trans.)
TUGBOAT CAPTAIN (water trans.)
TUGBOAT MATE (water trans.)
197.137 DREDGE MATE (water trans.)
31 **FOOD AND BEVERAGE PREPARATION AND SERVICE**
310. **Food and Beverage Service, Except Ship Stewards**
310.137 WINE STEWARD (hotel & rest.)
313. **Cooking, Large Hotels and Restaurants**
313.131 CHEF (hotel & rest.) II
PASTRY CHEF (hotel & rest.)
SOUS CHEF (hotel & rest.)
315. **Miscellaneous Cooking, Except Domestic**
315.131 COOK, CHIEF (water trans.)
PASTRY CHEF (water trans.)
319. **Food and Beverage Preparation and Service, n.e.c.**
319.137 SUPERVISOR, KOSHER DIETARY SERVICE (hotel & rest.)
32 **LODGING AND RELATED SERVICES**
320. **Boardinghouse and Lodginghouse Keeping**
320.137 MANAGER, LODGING FACILITIES (hotel & rest.)
36 **APPAREL AND FURNISHINGS SERVICES**
362. **Dry Cleaning Service**
362.137 SPOTTER, HEAD (clean., dye., & press.)
369. **Apparel and Furnishings Services, n.e.c.**
369.137 FOREMAN, RUG CLEANING (clean., dye., & press.)
38 **BUILDING AND RELATED SERVICES**
381. **Cleaning and Related Services**
381.137 CHARWOMAN, HEAD (any ind.)
PORTER, HEAD (any ind.)
40 **PLANT FARMING**
401. **Grain Farming**
401.137 DETASSELING-CREW SUPERVISOR (agric.)
402. **Cotton Farming**
402.137 DRIVER (agric.)
403. **Vegetable Farming**
403.137 ROW BOSS, THINNING (agric.)
404. **Fruit and Nut Farming**
404.131 FRUIT-FARM FOREMAN (agric.)
404.137 GROVE FOREMAN (agric.)
405. **Crop Specialty Farming**
405.131 CONTRACTOR, BROOMCORN THRESHING (agric.)
405.132 KILNMAN, HOPS (agric.)
407. **Gardening and Groundskeeping**
407.134 PARK FOREMAN (gov. ser.)
407.137 GREENSKEEPER (any ind.) I
409. **Plant Farming, n.e.c.**
409.137 PICKING-CREW FOREMAN (agric.)
41 **ANIMAL FARMING**
412. **Poultry Farming**
412.137 EGG-ROOM FOREMAN (agric.)
FOREMAN, POULTRY (agric.)
INCUBATOR FOREMAN (agric.)
413. **Livestock Farming**
413.131 STOCK-RANCH FOREMAN (agric.)
413.137 SEGUNDO (agric.)
TOP SCREW (agric.)
419. **Animal Farming, n.e.c.**
419.131 BARN BOSS (any ind.)
419.137 CORRAL BOSS (agric.)
42 **MISCELLANEOUS FARMING AND RELATED WORK**
422. **Farm Irrigation**
422.137 IRRIGATOR, HEAD (agric.)
424. **Farm Machinery Operating, n.e.c.**
424.132 HOP-PICKING-MACHINE OPERATOR (agric.)
429. **Miscellaneous Farming and Related Work, n.e.c.**
429.131 FARM FOREMAN (agric.)
43 **FISHERY AND RELATED WORK**
431. **Net, Seine, and Trap Fishing**
431.137 FOREMAN, RIGGING SCOW (fish.)
POUND-NET OR TRAP CAPTAIN (fish.)

44 **FORESTRY**
441. **Forest Conservation Work**
441.137 SUPPRESSION-CREW LEADER (gov. ser.)
442. **Forest Products Production, Except Logging**
442.137 WOODS RIDER (turp. & rosin)
46 **AGRICULTURAL SERVICES**
461. **Cotton Ginning and Compressing**
461.137 YARD FOREMAN, COTTON GIN (agric.)
465. **Blight and Pest Control and Bindweed Eradication**
465.137 BLIGHT-CONTROL FOREMAN (agric.)
SPRAY FOREMAN (agric.)
50 **METAL PROCESSING**
500. **Electroplating**
500.131 FOREMAN (electroplating)
500.132 FOREMAN, SHEET MANUFACTURING (ore dress., smelt., & refin.)
501. **Dip Plating**
501.130 FOREMAN, HOT-DIP TINNING (iron & steel)
501.137 FOREMAN, HOT-DIP PLATING (galvanizing)
502. **Melting, Pouring, Casting, and Related Work**
502.130 FOREMAN, CASTING-AND-PASTING (elec. equip.)
504. **Heat Treating**
504.131 HEAT-TREAT FOREMAN (heat treat.)
505. **Metal Spraying, Coating, and Related Work**
505.130 FOREMAN, METALLIZING (any ind.)
FOREMAN, VACUUM METALLIZING (any ind.)
509. **Metal Processing, n.e.c.**
509.130 FOREMAN, ELECTROLYTIC TINNING (iron & steel)
FOREMAN, POWDERED METAL (iron & steel; nonfer. metal alloys)
509.132 FOREMAN, SOAKING PITS (iron & steel)
51 **ORE REFINING AND FOUNDRY WORK**
511. **Separating, Filtering, and Related Work**
511.130 ALUMINA-PLANT FOREMAN (ore dress., smelt., & refin.)
511.132 FILTER-PLANT FOREMAN (ore dress., smelt., & refin.)
SCREENMAN (ore dress., smelt., & refin.)
512. **Melting**
512.130 REDUCTION-PLANT FOREMAN (ore dress., smelt., & refin.)
512.132 FOREMAN, BLAST FURNACE (ore dress., smelt., & refin.)
MELTER FOREMAN (iron & steel)
PERMANENT-MOLD FOREMAN (nonfer. metal alloys)
POT EXPEDITER (nonfer. metal alloys)
POT-ROOM FOREMAN (ore dress., smelt., & refin.)
RECLAMATION FOREMAN (nonfer. metal alloys)
512.134 TAPPER FOREMAN (ore dress., smelt., & refin.)
513. **Roasting**
513.132 CONVERTER FOREMAN (ore dress., smelt., & refin.)
514. **Pouring and Casting**
514.130 FOREMAN, DIE CASTING (found.)
514.131 INSPECTOR, CHIEF (found.)
514.137 FOREMAN, PIG MACHINE (iron & steel)
FOREMAN, PIT-AND-AUXILIARIES (iron & steel)
515. **Crushing and Grinding**
515.130 MILL FOREMAN (ore dress., smelt., & refin.)
515.132 CRUSHER FOREMAN (ore dress., smelt., & refin.)
519. **Ore Refining and Foundry Work, n.e.c.**
519.130 CELL-FEED-DEPARTMENT FOREMAN (ore dress., smelt., & refin.)
FOREMAN, LEAD REFINERY (ore dress., smelt., & refin.)
FOREMAN, REVERBERATORY FURNACE (ore dress., smelt., & refin.)
FOREMAN, SINTERING PLANT (ore dress., smelt., & refin.)
FOREMAN, URANIUM PROCESSING (ore dress., smelt., & refin.)
SAMPLER, HEAD (ore dress., smelt., & refin.)
519.131 FOUNDRY FOREMAN (found.)
MILL-LABOR FOREMAN (ore dress., smelt., & refin.)
519.132 FOREMAN, BLAST FURNACE (iron & steel)
FOREMAN, BLAST-FURNACE-AUXILIARIES (iron & steel)
FOREMAN, CELL OPERATIONS (ore dress., smelt., & refin.)
SOLDER MAKER (nonfer. metal alloys)
519.134 POT-LINING FOREMAN (ore dress., smelt., & refin.)

519.137 FOREMAN, MOLD YARD (iron & steel)
FOREMAN, SCRAP PREPARATION (iron & steel)
52 **PROCESSING, FOOD AND RELATED PRODUCTS**
520. **Mixing, Compounding, Blending, Kneading, Shaping, and Related Work**
520.132 FOREMAN, COMPRESSED YEAST (food prep., n.e.c.)
520.137 FOREMAN, LUMP ROOM (tobacco)
521. **Separating, Crushing, Milling, Chopping, Grinding, and Related Work**
521.130 FOREMAN, POWDERED SUGAR (sugar)
MILLER FOREMAN (grain & feed mill.)
521.132 FOREMAN, STEMMING DEPARTMENT (tobacco)
FOREMAN, THRESHING DEPARTMENT (tobacco)
FOREMAN, TIPPING DEPARTMENT (tobacco)
MILL PLATFORM FOREMAN (sugar)
522. **Culturing, Melting, Fermenting, Distilling, Saturating, Pickling, Aging, and Related Work**
522.130 FOREMAN, MELT HOUSE (sugar)
522.131 DISTILLING-DEPARTMENT FOREMAN (distilled liquors)
522.132 FOREMAN, MALT HOUSE (malt liquors)
523. **Heating, Rendering, Melting, Drying, Cooling, Freezing, and Related Work**
523.131 TESTING-AND-ANALYSIS DEPARTMENT FOREMAN (nut process.)
523.132 REDRYING-MACHINE OPERATOR (tobacco)
523.137 PREPARATION FOREMAN (can. & preserv.)
525. **Slaughtering, Breaking, Curing, and Related Work**
525.130 FOREMAN, CURED-MEAT PACKING (slaught. & meat pack.)
FOEMAN, CURED MEATS (slaught. & meat pack.)
FOREMAN, TANK HOUSE (slaught. & meat pack.)
525.131 FOREMAN, ABATTOIR (slaught. & meat pack.)
FOREMAN, BEEF-BONING (slaught. & meat pack.)
526. **Cooking and Baking, n.e.c.**
526.130 BAKERY FOREMAN (bake. prod.)
526.134 COOK, MEXICAN FOOD (food prep., n.e.c.)
526.137 POTATO-CHIP-PROCESSING FOREMAN (food prep., n.e.c.)
529. **Processing, Food and Related Products, n.e.c.**
529.130 FOREMAN (choc. & cocoa)
FOREMAN (nut process.)
FOREMAN, CANDY (confection.)
FOREMAN, COFFEE (food prep., n.e.c.)
FOREMAN, FILTRATION (sugar)
FOREMAN, PULP HOUSE (sugar)
FOREMAN, REFINING (sugar)
FOREMAN, SOFT SUGAR (sugar)
FOREMAN, WHITE SUGAR (sugar)
529.131 CELLAR FOREMAN (vinous liquors)
PROCESSING FOREMAN (dairy prod.)
529.132 CIGAR-MACHINE-UNIT FOREMAN AND ADJUSTER (tobacco)
FOREMAN, BEET END (sugar)
FOREMAN, BREW HOUSE (malt liquors)
FOREMAN, CLEANING (dairy prod.; malt liquors)
FOREMAN, COOK ROOM (can. & preserv.)
FOREMAN, DRIED YEAST (food prep., n.e.c.)
FOREMAN, DRY-STARCH (corn prod.)
FOREMAN, FEED-HOUSE (corn prod.)
FOREMAN, FEED MILL (grain & feed mill.)
CUSTOM FEED-MILL OPERATOR (grain & feed mill.)
FOREMAN, FERMENTING CELLARS (malt liquors)
FOREMAN, GRAIN AND YEAST PLANTS (malt liquors)
FOREMAN, LIQUID YEAST (food prep., n.e.c.)
FOREMAN, MILL-HOUSE (corn prod.)
FOREMAN, NUTRITIONAL YEAST (food prep., n.e.c.)
FOREMAN, SOAKERS (malt liquors)
FOREMAN, STEFFEN HOUSE (sugar)
FOREMAN, SUGAR HOUSE (corn prod.)
FOREMAN, SUGAR REFINERY (corn prod.)
FOREMAN, TANK STORAGE (malt liquors)
FOREMAN, TEA-AND-SPICE (food prep., n.e.c.)
FOREMAN, WASH HOUSE (malt liquors)
MACHINE-OPERATOR SUPERVISOR (tobacco)
PLANT FOREMAN (whole. tr.)

529.137 FOREMAN (oils & fats)
FOREMAN (tobacco)
FOREMAN, CURING ROOM (tobacco)
FOREMAN, EGG ROOM (can. & preserv.)
FOREMAN, WHIPPED TOPPING (dairy prod.)
FOREMAN, YARD (malt liquors)
GRADING FOREMAN (whole. tr.)

53 PROCESSING, PAPER AND RELATED MATERIALS

530. Grinding, Beating, and Mixing
530.132 FOREMAN, BEATER ROOM (paper & pulp)
FOREMAN, WOOD ROOM (paper & pulp)
GRINDER MAN, HEAD (paper & pulp)

534. Calendering, Sizing, Coating, and Related Work
534.130 FOREMAN, COATING (photo. apparatus)

539. Processing, Paper and Related Materials, n.e.c.
539.130 FOREMAN, HARDBOARD (wallboard)
FOREMAN, WET ROOM (paper & pulp)
539.132 FOREMAN, PAPER MACHINE (paper & pulp)
FOREMAN, PULP PLANT (paper & pulp)

54 PROCESSING, PETROLEUM AND RELATED PRODUCTS

541. Filtering, Straining, and Separating
541.130 FOREMAN, NATURAL-GAS PLANT (petrol. refin.)

542. Distilling, Subliming, and Carbonizing
542.130 DISTILLATION FOREMAN (coal tar prod.)
542.132 FOREMAN, BYPRODUCTS (coke prod.)
FOREMAN, OVENS (coke prod.)

549. Processing, Petroleum and Related Products, n.e.c.
549.131 GAS MAN, HEAD (petrol. production; pipe lines)
549.132 FOREMAN (fuel briquettes)
FOREMAN, COAL HANDLING (coke prod.)
FOREMAN, COKE HANDLING (coke prod.)
FOREMAN, TREATING-AND-PUMPING (petrol. refin.)
GREASE MAKER, HEAD (petrol. refin.)
549.137 GAS WORKER, CHIEF (comp. & liquefied gases)

55 PROCESSING, CHEMICALS AND RELATED PRODUCTS

550. Mixing and Blending
550.131 COSMETICS FOREMAN (drug. prep. & rel. prod.)
FOREMAN, COMPOUNDING AND FINISHING (chem.)
550.137 FOREMAN, PASTE MIXING (elec. equip.)
FOREMAN, SHIPPING (glue)

551. Filtering, Straining, and Separating
551.130 FOREMAN, PROCESSING (salt production)

552. Distilling
552.132 SHIFT SUPERINTENDENT, CAUSTIC CRESYLATE (chem.)

553. Heating, Baking, Seasoning, Melting, and Heat Treating
553.132 FOREMAN, CHAR HOUSE (sugar)
FOREMAN, GREASE REFINING (grease & tallow)

556. Casting and Molding, n.e.c.
556.130 FOREMAN (fabric. plastics prod.; plastics mat.)
FOREMAN, PLASTICS (toys & games)

558. Reacting, n.e.c.
558.130 INGOT-PROCESSING FOREMAN (electronics)
558.131 GAS CHIEF (comp. & liquefied gases)
558.132 FOREMAN, CHEMICAL (plastics mat.)
FOREMAN, SULPHURIC-ACID PLANT (chem.)
558.137 FOREMAN, BRINE (chem.)
FOREMAN, CELL EFFICIENCY (chem.)
FOREMAN, CELL ROOM (chem.)
FOREMAN, HYDROCHLORIC AREA (chem.)

559. Processing, Chemicals and Related Products, n.e.c.
559.130 CALENDAR FOREMAN (plastics mat.)
CHEMICAL PROCESSING FOREMAN (drug. prep. & rel. prod.)
FINISHING-AREA SUPERVISOR (plastics mat.)
PELLET-PROCESSING SUPERVISOR (electronics)
PROCESS FOREMAN (plastics mat.)
559.131 ACID-LINE FOREMAN (explosives)
FOREMAN (coal tar prod.)
NITROGLYCERINE FOREMAN (explosives)
PHARMACEUTICAL COMPOUNDING SUPERVISOR (drug. prep. & rel. prod.)
TNT-LINE FOREMAN (explosives)
559.132 CATALYST OPERATOR, CHIEF (chem.)
FOREMAN, ALUM PLANT (chem.)
FOREMAN, BONE PLANT (bone, carbon, & lampblack)
FOREMAN, CD-AREA (chem.)
FOREMAN, DEHYDROGENATION (chem.; petrol. refin.)
559.132 Con. FOREMAN, FURNACE PROCESS (bone, carbon, & lampblack)
FOREMAN, HAND SILVERING (mirror)
FOREMAN, LIQUEFACTION (comp. & liquefied gases)
FOREMAN, PAINT (paint & varn.)
FOREMAN, PHOSPHORUS PROCESSING (chem.)
FOREMAN, PIGMENT MAKING (chem.)
FOREMAN, RECORD PRESS (phonograph)
FOREMAN, RED-LEAD AND LITHARGE (paint & varn.)
FOREMAN, REFINING (salt production)
FOREMAN, TOILET AND LAUNDRY SOAP (soap)
FOREMAN, VARNISH (paint & varn.)
FOREMAN, VAT HOUSE (glue)
FOREMAN, WHITE LEAD (paint & varn.)
HEAD OPERATOR, SULFIDE (chem.)
HEATING-AND-BLENDING FOREMAN (clean. & polish. prod.)
MILL FOREMAN (graphite)
PRODUCTION FOREMAN, ANHYDORUS AMMONIA (chem.)
PRODUCTION FOREMAN, DEFLUORINATED PHOSPHATE (chem.)
RETREAD FOREMAN (auto. mfg.)
TRANSFER-AND-PUMPHOUSE OPERATOR, CHIEF (chem.)
559.137 FOREMAN, BLEACH (chem.)
FOREMAN, COOK HOUSE (glue)
FOREMAN, DRY PASTE (glue)
FOREMAN, EVAPORATOR (chem.)
FOREMAN, GELATIN PLANT (glue)
FOREMAN, GLUE SPECIALTY (glue)
FOREMAN, PUTTY AND CALKING (paint & varn.)
FOREMAN, TANK CLEANING (paint & varn.)

56 PROCESSING, WOOD AND WOOD PRODUCTS

561. Wood Preserving and Related Work
561.131 TREATING-PLANT SUPERVISOR (wood preserving)

562. Saturating and Related Work, n.e.c.
562.137 FOREMAN, PAINTING DEPARTMENT (pen & pencil)

569. Processing, Wood and Wood Products, n.e.c.
569.130 GASKET FOREMAN (cork prod.)

57 PROCESSING, NONMETALLIC MINERALS AND RELATED PRODUCTS

570. Crushing, Grinding, and Mixing
570.130 FOREMAN, CLAY PREPARATION (pottery & porc.)
570.132 CONCRETE-BATCHING AND MIXING-PLANT FOREMAN (const.)
MILLING FOREMAN (brick & tile)
WASHING-AND-SCREENING-PLANT FOREMAN (const.)

573. Baking, Drying, and Heat Treating
573.132 BURNING FOREMAN (brick & tile)

574. Impregnating, Coating, and Glazing
574.130 GLAZE FOREMAN (brick & tile)
574.132 FOREMAN, SILVERING DEPARTMENT (mirror)

575. Forming
575.130 FOREMAN, BOTTLE MACHINES (glass mfg.)
FOREMAN, FORMING DEPARTMENT (glass mfg.)
PRESS FOREMAN (brick & tile)
575.131 BATCHER, PRECAST AND PRESTRESSED CONCRETE (conc. prod.)
FOREMAN, CONCRETE-STONE FABRICATING (conc. prod.)
575.137 FOREMAN, WET POUR (conc. prod.)

579. Processing, Nonmetallic Minerals and Related Products, n.e.c.
579.130 FOREMAN, BOARD MILL (wallboard)
FOREMAN, FORMING DEPARTMENT (synthetic fibers)
579.131 FOREMAN, CONCRETE BLOCK PLANT (conc. prod.)
FOREMAN, MIRROR MANUFACTURING DEPARTMENT (mirror)
GLASS-CUT-OFF FOREMAN (glass mfg.)
579.132 FOREMAN, LIME (lime)
SUPERINTENDENT-OF-TANKS (glass mfg.; optical goods)
579.137 FOREMAN (cement)

58 PROCESSING, LEATHER AND TEXTILES

582. Washing, Steaming, and Saturating
582.131 DYE-HOUSE FOREMAN (fur dressing)
582.132 FOREMAN, TAN ROOM (leather mfg.)
SCOURING FOREMAN (textile)

583. Ironing, Pressing, Glazing, Staking, Calendering, and Embossing
583.132 FOREMAN, PRESSING DEPARTMENT (garment)
583.137 FOREMAN, PLEATING (trim. & stamp. art goods)

586. Felting and Fulling
586.130 FELT-GOODS FOREMAN, NEEDLE PROCESS (felt goods)

589. Processing, Leather and Textiles, n.e.c.
589.130 CARPET-FINISHING FOREMAN (carpet & rug)
FABRIC-COATING FOREMAN (felt goods; textile)
FOREMAN, FINISHING ROOM (leather mfg.)
589.132 FOREMAN (waste & batting)
FOREMAN, SPLIT AND DRUM ROOM (leather mfg.)
589.134 FOREMAN, WOOL SORTING-AND-GRADING (textile)
589.137 CLOTH FINISHER (textile) I
FOREMAN, BEAM DEPARTMENT (leather mfg.)
FOREMAN, FINISHING (fiber rugs)
FOREMAN, FUR DRESSING (fur dressing)
FOREMAN, MILL (cord. & twine)
FOREMAN, PACKING ROOM (leather mfg.)

59 PROCESSING, N.E.C.

590. Processing, Assorted Materials
590.130 FOREMAN, INSULATION (wallboard)
FOREMAN, ROOFING PLANT (roof. materials)
590.131 PORCELAIN-ENAMELING FOREMAN (any ind.)
590.132 FOREMAN, CANDLE MAKING (candle)
FOREMAN, COMPONENT SEALING (electronics)

599. Miscellaneous Processing, n.e.c.
599.132 BARREL-TUMBLER LEADER (ammunition; firearms)

60 METAL MACHINING

600. Machining and Related Work
600.131 MACHINE-SHOP FOREMAN, TOOL (mach. shop)
SALVAGE ENGINEER (mach. mfg.)

601. Toolmaking and Related Work
601.130 TOOL-AND-DIE FOREMAN (mach. shop)

604. Turning
604.130 FOREMAN, ROLL SHOP (iron & steel)

609. Metal Machining, n.e.c.
609.130 AUTOMATICS FOREMAN (clock & watch)
FOREMAN (plumb. supplies)
JOBMASTER (clock & watch)
MACHINE-SHOP FOREMAN, PRODUCTION (mach. shop)
PRESS-HAND SUPERVISOR (jewelry)
SCREW FOREMAN (clock & watch)
609.131 FOREMAN, MOLD MAKING (glass mfg.)
FOREMAN, MOLD SHOP (glass mfg.)
INSPECTION FOREMAN (mach. shop)
609.132 SLAB-CONDITIONER FOREMAN (nonfer. metal alloys)
609.137 FILING-AND-POLISHING FOREMAN (firearms)

61 METALWORKING, N.E.C.

612. Forging, n.e.c.
612.130 SPIKEMAKING FOREMAN (nail)
612.131 FORGE-SHOP FOREMAN (forging)

613. Sheet and Bar Rolling
613.130 FOREMAN, BLOOMING MILL (iron & steel)
FOREMAN, MERCHANT-MILL ROLLING-AND-FINISHING (iron & steel)
FOREMAN, STRUCTURAL ROLLING-AND-FINISHING (iron & steel)
613.132 FOREMAN, HOT-STRIP MILL (iron & steel)

614. Extruding and Drawing
614.131 FOREMAN, DRAWING (iron & steel; nonfer. metal alloys; wire)
614.132 FOREMAN, EXTRUSION (forging)

615. Punching and Shearing
615.130 FOREMAN (cut. tools)

616. Fabricating Machine Work
616.130 FOREMAN (nut & bolt)
FOREMAN, LEAF-SPRING PRODUCTION (spring)
FOREMAN, SPECIALITY MANUFACTURING (irou & steel)
FOREMAN, STEEL DIVISION (matt. & bedspring)

619. Miscellaneous Metalworking, n.e.c.
619.130 COIL-WINDING FOREMAN (electronics)
COIN-MACHINE FOREMAN (coln mach.)
FOREMAN, ASSEMBLY DEPARTMENT (struct. & ornam. metalwork)
FOREMAN, COLD ROLLING (iron & steel)
FOREMAN, CONTINUOUS-WELD PIPE MILL (iron & steel)
FOREMAN, HOT-WOUND SPRING PRODUCTION (spring)
FOREMAN, LINE (any ind.)

619.130 FOREMAN, PIPE FINISHING (iron & steel)
Con. FOREMAN, PUNCH-AND-ASSEMBLY DEPARTMENT (elec. equip.)
FOREMAN, SET-UP MAN (any ind.)
FOREMAN, WIRE-ROPE FABRICATION (wirework)
HEAD WELDER, ELECTRIC-WELD PIPER MILL (iron & steel)
HYDRAULIC-PRESSURE-AUTO-FRETTAGE-MACHINE-OPERATOR FOREMAN (firearms)
STRUCTURAL-MILL FOREMAN (nonfer. metal alloys)
619.131 MACHINING-AND-ASSEMBLY FOREMAN (elec. equip.)
SHOP FOREMAN (struct. & ornam. metalwork)
SHRINK-PIT FOREMAN (firearms)
619.132 FOREMAN, FINISHING AND SHIPPING (iron & steel)
FORMAN PLATE HEATING, ROLLING, AND, FINISHING (iron & steel)
LEAD-SECTION FOREMAN (ammunition)
SHEET-MILL FOREMAN (nonfer. metal alloys)
SHELL-SHOP FOREMAN (ammunition)
619.134 FOREMAN, CONDITIONING YARD (iron & steel)
619.137 MACHINE-ADJUSTER LEADER (ammunition)

62 MECHANICAL REPAIRING

620. Motorized Vehicle and Engineering Equipment Repairing
620.131 AUTOMOBILE MECHANIC, CHIEF (auto. ser.)
FOREMAN, ENDLESS TRACK COMBAT VEHICLE (auto. ser.)
GARAGE FOREMAN (auto. ser.)
REPAIR SHOP FOREMAN (motor. & bicycles)
TRANSPORTATION FOREMAN (any ind.)

621. Aircraft Repairing
621.131 FOREMAN, AIRCRAFT MAINTENANCE (aircraft mfg.; air trans.)
FOREMAN, PRODUCTION DEPARTMENT (aircraft mfg.)
SUPERCHARGER-REPAIRMAN FOREMAN (aircraft mfg.)

622. Rail Equipment Repairing
622.131 CARMAN FOREMAN (loco. & car bldg. & rep.)
FOREMAN, WHEEL SHOP (loco. & car bldg. & rep.)
ROUNDHOUSE FOREMAN (loco. & car bldg. & rep.)

623. Marine Equipment Repairing
623.131 MACHINIST FOREMAN, OUTSIDE (ship & boat bldg. & rep.)

625. Engine, Power Transmission, and Related Equipment Repairing
625.131 ENGINE-REPAIR FOREMAN (engine & turbine)
ENGINE TESTING FOREMAN (engine & turbine)

629. Special Industry Machinery Repairing
629.131 FOREMAN, RECLAMATION (petrol. production)
629.132 FOREMAN, BOTTLE-HOUSE CLEANERS (malt liquors)

630. General Industry Machinery Repairing
630.131 PUMP-SERVICEMAN FOREMAN (any ind.)
630.134 ANODE-CREW FOREMAN (ore dress., smelt., & refin.)
FOREMAN, CELL MAINTENANCE (ore dress., smelt., & refin.)

631. Powerplant Machinery Repairing
631.131 DAM-MAINTENANCE FOREMAN (light, heat, & power)
MACHINIST FOREMAN (light, heat, & power)

632. Ordnance and Accessory Repairing
632.131 ARTILLERY-MAINTENANCE FOREMAN (firearms)

633. Business and Commercial Machine Repairing
633.131 OFFICE-MACHINE-SERVICEMAN FOREMAN (any ind.)

638. Miscellaneous Machine Installation and Repairing
638.131 MAINTENANCE-MECHANIC FOREMAN (any ind.)
MASTER MECHANIC, MAINTENANCE (any ind.)
FUEL-SYSTEM-MAINTENANCE FOREMAN (air trans.)
MECHANICAL-MAINTENANCE-MAN FOREMAN (any ind.)
MILLWRIGHT FOREMAN (any ind.)
INSTALLATION SUPERINTENDENT, PIN-SETTING MACHINE (const.)
MAINTENANCE FOREMAN, GAS PLANT (light, heat, & power)

639. Mechanical Repairing, n.e.c.
639.131 FOREMAN, COOLER SERVICE (coin mach.)

64 PAPERWORKING

640. Paper Cutting, Winding, and Related Work
640.132 FOREMAN, COREMAKER (paper & pulp)

649. Paperworking, n.e.c.
649.130 FOREMAN, PAPER PRODUCTS (paper goods)

65 PRINTING

651. Printing Press Work
651.130 FOREMAN, PRESS ROOM (print. & pub.)

652. Printing Machine Work
652.130 FOREMAN, PRINTING AND STAMPING (jewelry cases)

653. Bookbinding and Related Work
653.131 FOREMAN, BINDERY (print. & pub.)

659. Printing, n.e.c.
659.130 FOREMAN, PRINTING SHOP (print. & pub.)

66 WOOD MACHINING

660. Cabinetmaking
660.131 CABINETMAKER FOREMAN (woodworking)

661. Patternmaking
661.131 LOFTSMAN, HEAD (ship & boat bldg. & rep.)

668. Chipping
668.137 WOOD-CREW FOREMAN (wood distil. & charc.)

669. Wood Machining, n.e.c.
669.130 FOREMAN, ASSEMBLY ROOM (window shade & fix.)
FOREMAN, CUTTING DEPARTMENT (pen & pencil)
FOREMAN, FRAMING MILL (wood preserving)
SET-UP MAN, SHUTTLE FITTING (shaped wood. art.)
SET-UP MAN, SHUTTLE PREPARATION (shaped wood. art.)
SET-UP MAN, SHUTTLE VENEERING (shaped wood. art.)
669.137 FOREMAN (woodworking)

67 MACHINING, NONMETALLIC MINERALS AND RELATED MATERIALS

677. Chipping, Cutting, Sawing, and Related Work.
677.137 SUPERVISOR, AUTOMATIC-CUTTING MACHINES (glass mfg.)

679. Machining, Nonmetallic Minerals and Related Materials, n.e.c.
679.130 CRYSTAL-PROCESSING FOREMAN (electronics)
FOREMAN (stonework)

68 TEXTILE MACHINE WORK

681. Twisting, Beaming, Warping, and Related Work
681.131 FOREMAN, TWISTING DEPARTMENT (fiber rugs)
681.137 FOREMAN, PREPARATION DEPARTMENT (textile)
FOREMAN, WINDING AND TWISTING DEPARTMENT (textile)

682. Spinning
682.137 FOREMAN, SPINNING (textile)

683. Weaving and Related Work
683.130 FLOORLADY, ENDLESS-BELT-WEAVING DEPARTMENT (narrow fabrics)
LOOM-FIXER OVERSEER (narrow fabrics)
WEAVE-ROOM FOREMAN (carpet & rug)
WEAVING FOREMAN (abestos prod.; textile)

684. Hosiery Knitting
684.137 FOREMAN (hosiery)

685. Knitting, Except Hosiery
685.137 WINDING FOREMAN (knit goods)

689. Textile Machine Work, n.e.c.
689.130 EMBROIDERY FOREMAN (embroid.)
FOREMAN, ROVING DEPARTMENT (synthetic fibers)
FOREMAN, WEAVING (fiber rugs)
KNITTING-MACHINE FIXER, HEAD (hosiery; knit goods)
689.137 CLOTH-GRADER FOREMAN (textile)

69 MACHINE WORK, N.E.C.

690. Plastics, Synthetics, Rubber, and Leather Working
690.130 FOREMAN, SLITTING-AND-SHIPPING (plastics mat.)

691. Insulated Wire and Cable Fabrication
691.130 FOREMAN (insulated wire)

692. Fabrication of Products from Assorted Materials
692.130 BRUSH-FABRICATION FOREMAN (brush)
FINISHING FOREMAN (elec. equip.)
FOREMAN (needle, pin, & rel. prod.)
692.137 ASSEMBLY FOREMAN (fabric. prod., n.e.c.)
FOREMAN, PAINT ROLLER COVERS (brush)

693. Modelmaking, Patternmaking, and Related Work
693.131 PATTERN-SHOP FOREMAN (found.)

694. Fabrication of Ordnance, Ammunition, and Related Products, n.e.c.
694.131 TRACER-BULLET-SECTION FOREMAN (ammunition)
694.132 EXPLOSIVE-OPERATOR FOREMAN (ammunition)
RENOVATION-PLANT FOREMAN (ammunition)

699. Miscellaneous Machine Work, n.e.c.
699.131 LUBRICATION FOREMAN (any ind.)

70 FABRICATION, ASSEMBLY, AND REPAIR OF METAL PRODUCTS, N.E.C.

700. Fabrication, Assembly, and Repair, of Jewelry, Silverware, and Related Products
700.130 FOREMAN (silverware)
700.131 FOREMAN (gold leaf & foil)
FOREMAN (jewelry cases)
FOREMAN, JEWELRY DEPARTMENT (jewelry)

701. Fabrication, Assembly, and Repair of Tools and Related Products
701.137 FOREMAN, ASSEMBLY AND PACKING (cut. tools)

703. Sheet-Metal Products Assembly and Repair, n.e.c.
703.137 ASSEMBLY FOREMAN (tinware)

704. Engraving, Etching, and Related Work
704.131 ENGRAVING FOREMAN (engraving; jewelry)
FOREMAN, ENGRAVING (pen & pencil)

706. Metal Unit Assembling and Adjusting, n.e.c.
706.131 FOREMAN (typewriters & parts)

71 FABRICATION AND REPAIR OF SCIENTIFIC AND MEDICAL APPARATUS, PHOTOGRAPHIC AND OPTICAL GOODS, WATCHES AND CLOCKS, AND RELATED PRODUCTS.

710. Fabrication and Repair of Instruments for Measuring, Controlling, and Indicating Physical Characteristics
710.130 MACHINE GROUP-AND-SPECIAL-ASSEMBLIES FOREMAN (inst. & app.)
710.131 FOREMAN, THERMOSTATIC-CONTROLS (inst. & app.)
GAS-METER-REPAIRMAN FOREMAN (light, heat, & power)
INSTRUMENT FOREMAN (any ind.)
INSTRUMENT-MECHANIC FOREMAN (light, heat, & power)
INSTRUMENT-REPAIRMAN FOREMAN (any ind.)
METER-AND-REGULATOR-SHOP FOREMAN (light, heat, & power; petrol. refin.)
METER-REPAIR-SHOP FOREMAN (light, heat, & power)
METER-SHOP FOREMAN (waterworks)
SHOP FOREMAN (petrol. production)

712. Fabrication and Repair of Surgical, Medical, and Dental Instruments and Supplies
712.130 FOREMAN, ARTIFICIAL-LIMB FABRICATION (surgical appl.)
712.137 FACEPIECE-LINE SUPERVISOR (surgical appl.)
FINAL-ASSEMBLY-AND-PACKING SUPERVISOR (surgical appl.)

713. Fabrication and Repair of Ophthalmic Goods
713.130 FOREMAN (optical goods)

714. Fabrication and Repair of Photographic Equipment and Supplies
714.131 MOTION-PICTURE-EQUIPMENT FOREMAN (motion pic.)

715. Fabrication and Repair of Watches, Clocks, and Parts
715.131 CASING FOREMAN (clock & watch)
DAMASCENING FOREMAN (clock & watch)
DIALS FOREMAN (clock & watch)
HAIRSPRING FOREMAN (clock & watch)
MAINSPRING FOREMAN (clock & watch)
SUPERVISOR, INSPECTION (clock & watch)
TUMBLING-AND-ROLLING FOREMAN (clock & watch)

72 ASSEMBLY AND REPAIR OF ELECTRICAL EQUIPMENT

721. Assembly and Repair of Motors, Generators, and Related Products
721.131 ELECTRIC-MOTOR-REPAIRING FOREMAN (any ind.)
FOREMAN, ELECTRIC MOTOR TESTING (elec. equip.)

722. Communications Equipment Assembly and Repair
722.131 INSTRUMENT-SHOP SUPERVISOR (tel. & tel.)

723. **Assembly and Repair of Electrical Appliances and Fixtures**
723.131 FOREMAN, APPLIANCE ASSEMBLY (elec. equip.)
723.132 FOREMAN, FABRICATION DEPARTMENT (light fix.)
724. **Winding and Assembly of Coils, Magnets, Armatures, and Related Products**
724.130 WINDING FOREMAN (elec. equip.)
724.131 FOREMAN, COIL AND ARMATURE INSPECTION (elec. equip.)
TRANSFORMER-SHOP FOREMAN (any ind.)
724.134 FOREMAN, LAMINATING (electronics)
725. **Assembly of Light Bulbs and Electronic Tubes**
725.131 FOREMAN, TRANSMITTING TUBES (electronics)
726. **Assembly and Repair of Electronic Components and Accessories, n.e.c.**
726.130 FOREMAN, ELECTRONIC ASSEMBLIES (electronics)
FOREMAN, WIRE-COIL COMPONENTS (electronics)
PRINTED-CIRCUIT-BOARD FOREMAN (electronics)
SEMICONDUCTOR-ASSEMBLY FOREMAN (electronics)
SUPERVISOR, CAPACITORS (electronics)
TESTING SUPERVISOR (electronics)
726.131 ELECTRONIC-COMPUTER-SUBASSEMBLY FOREMAN (office mach.)
FOREMAN, TELEVISION-PICTURE TUBE MOUNTS (electronics)
727. **Storage Battery Assembly**
727.130 FOREMAN, BURNING, FORMING, AND ASSEMBLY (elec. equip.)
727.137 FOREMAN, DRY-CELL ASSEMBLY (elec. equip.)
729. **Assembly and Repair of Electrical Equipment, n.e.c.**
729.131 INSPECTOR, CHIEF (elec. equip.)
RELAY-SHOP FOREMAN (light, heat, & power)
SALVAGE SUPERVISOR (light, heat, & power)
73 **FABRICATION AND REPAIR OF PRODUCTS MADE FROM ASSORTED MATERIALS**
730. **Fabrication and Repair of Musical Instruments and Parts**
730.137 FOREMAN (musical inst.)
731. **Fabrication and Repair of Games and Toys**
731.130 FOREMAN, TOY ASSEMBLY (toys & games)
733. **Fabrication and Repair of Pens, Pencils, and Office and Artists' Materials, n.e.c.**
733.130 FOREMAN, RUBBER STAMPS AND DIES (pen & pencil)
733.137 FOREMAN, ASSEMBLY (pen & pencil)
FOREMAN, FINISHING DEPARTMENT (pen & pencil)
FOREMAN, INSPECTION (pen & pencil)
736. **Fabrication and Repair of Ordnance and Accessories**
736.131 AUTOMOTIVE-TIRE-TESTER FOREMAN (ordnance)
FIREARMS-ASSEMBLY FOREMAN (firearms)
INSPECTION FOREMAN (firearms)
737. **Fabrication of Ammunition, Fireworks, Explosives, and Related Products**
737.131 FOREMAN, FIREWORKS ASSEMBLY (fireworks)
737.132 PRIMER FOREMAN (ammunition)
737.134 INSPECTION FOREMAN (ammunition)
737.137 AMMUNITION-LOADING FOREMAN (ammunition)
BELT-AND-LINK-ASSEMBLER FOREMAN (ammunition)
POWDER AND PRIMER-CANNING LEADER (ammunition)
PROPELLANT-CHARGE-LOADING FOREMAN (ammunition)
PYROTECHNIC-LOADING FOREMAN (ammunition)
739. **Fabrication and Repair of Products Made from Assorted Materials, n.e.c.**
739.131 FOREMAN (model & pattern)
FOREMAN (umbrella)
FOREMAN, BIT AND SHANK DEPARTMENT (smoking pipe)
739.134 FOREMAN, ASSEMBLY ROOM (mort. goods)
739.137 FOREMAN, DYEING AND FINISHING DEPARTMENT (smoking pipe)
FOREMAN, LAMP SHADES (fabric. prod., n.e.c.)
FOREMAN, PATCHING DEPARTMENT (smoking pipe)
739.137 Con. FOREMAN, SANDING DEPARTMENT (smoking pipe)
74 **PAINTING, DECORATING, AND RELATED WORK**
749. **Painting, Decorating, and Related Work, n.e.c.**
749.130 FOREMAN, PAINT (toys & games)
749.131 FOREMAN, PAINT DEPARTMENT (any ind.)
749.132 CHEST-PAINTING AND SEALING FOREMAN (ammunition)
749.134 FOREMAN, FINISHING (mort. goods)
75 **FABRICATION AND REPAIR OF PLASTICS, SYNTHETICS, RUBBER, AND RELATED PRODUCTS**
750. **Fabrication and Repair of Tires, Tubes, Tire Treads, and Related Products**
750.130 FOREMAN (rubber tire & tube)
754. **Fabrication and Repair of Miscellaneous Plastics Products**
754.137 FOREMAN, SAMPLE (plastics mat.)
759. **Fabrication and Repair of Plastics, Synthetics, Rubber, and Related Products, n.e.c.**
759.137 FLOORLADY (rubber goods)
76 **FABRICATION AND REPAIR OF WOOD PRODUCTS**
761. **Laying Out, Cutting, Carving, Shaping, and Sanding, n.e.c.**
761.130 FOREMAN, BRIAR SHOP (smoking pipe)
764. **Cooperage**
764.131 COOPERAGE-SHOP FOREMAN (cooperage)
769. **Fabrication and Repair of Wood Products, n.e.c.**
769.130 FOREMAN, FABRICATION (mirror & pic. frames)
769.137 STOCKING AND BOX-SHOP FOREMAN (firearms)
77 **FABRICATION AND REPAIR OF SAND, STONE, CLAY, AND GLASS PRODUCTS**
770. **Fabrication and Repair of Jewelry, Ornaments, and Related Products**
770.131 JEWEL FOREMAN (clock & watch)
773. **Coloring and Decorating, Brick, Tile, and Related Products**
773.134 PASTER FOREMAN (brick & tile)
774. **Fabrication and Repair of Pottery and Porcelain Ware**
774.130 FOREMAN, CLAY SHOP (pottery & porc.)
775. **Grinding, Filling, Polishing, Frosting, Etching, Cleaning, and Related Work, n.e.c.**
775.131 FOREMAN, CONCRETE-STONE FINISHING (conc. prod.)
779. **Fabrication and Repair of Sand, Stone, Clay, and Glass Products, n.e.c.**
779.131 FOREMAN (stat. & art goods)
779.134 FOREMAN, MICA PROCESSING (minerals & earths)
78 **FABRICATION AND REPAIR OF TEXTILE, LEATHER, AND RELATED PRODUCTS**
780. **Upholstering and Mattress and Bedspring Fabrication and Repair**
780.131 FOREMAN, CUTTING-AND-SEWING DEPARTMENT (furn.)
780.134 FOREMAN, COVERING AND LINING (mort. goods)
780.137 FOREMAN, MATTRESS AND BOX SPRINGS (matt. & bedspring)
FOREMAN, UPHOLSTERY DEPARTMENT (any ind.)
781. **Laying Out, Marking, Cutting, and Punching, n.e.c.**
781.132 FOREMAN, CUTTING DEPARTMENT (garment)
783. **Fur Working**
783.131 FOREMAN, FURRIER SHOP (fur goods)
784. **Fabrication and Repair of Hats, Caps, Gloves, and Related Products**
784.130 FOREMAN, CAP-AND-HAT PRODUCTION (hat & cap)
786. **Machine Sewing, Garment**
786.134 FOREMAN, INSPECTION DEPARTMENT (garment)
787. **Machine Sewing, Nongarment**
787.132 FOREMAN, SEWING ROOM (mort. goods)
FOREMAN, STITCHING DEPARTMENT (trim. & stamp. art goods)
788. **Fabrication and Repair of Footwear**
788.131 FOREMAN (boot & shoe)
788.137 FOREMAN, PACKING (boot & shoe)
789. **Fabrication and Repair of Textile, Leather, and Related Products, n.e.c.**
789.130 FOREMAN (leather prod.)
789.132 FORELADY, PARACHUTE MANUFACTURING (tex. prod., n.e.c.)
FOREMAN (house furn.)
789.132 Con. FOREMAN (tex. bag)
FOREMAN, SEWING ROOM (garment)
789.134 FORELADY (tex. prod., n.e.c.)
789.137 FOREMAN, CANVAS PRODUCTS (canvas goods)
FOREMAN, WEBBING (cord. & twine)
80 **METAL FABRICATING, N.E.C.**
801. **Fitting, Bolting, Screwing, and Related Work**
801.131 CHIMNEY FOREMAN, REINFORCED CONCRETE (const.)
FOREMAN, RIG BUILDING (petrol. production)
RIDE FOREMAN (amuse. & rec.)
801.134 REINFORCING-STEEL-PLACING FOREMAN (const.)
805. **Boilermaking and Related Work**
805.131 BOILERMAKER FOREMAN (boilermaking)
BOILER-REPAIR FOREMAN (any ind.)
806. **Transportation Equipment Assembling and Related Work**
806.131 ASSEMBLY FOREMAN (motor. & bicycles)
FOREMAN, CAR INSTALLATIONS (loco. & car bldg. & rep.)
FOREMAN, ERECTION SHOP (loco. & car bldg. & rep.)
FOREMAN, TRUCK-TRAILER ASSEMBLY (auto. mfg.)
INSPECTION AND TESTING FOREMAN (motor. & bicycles)
RIGGER FOREMAN (ship & boat bldg. & rep.)
SHIPFITTER FOREMAN (ship & boat bldg. & rep.)
809. **Miscellaneous Metal Fabricating, n.e.c.**
809.130 FOREMAN, METAL FABRICATING (any ind.)
FOREMAN, LINE, FITTING (any ind.)
809.131 ASSEMBLY FOREMAN (agric. equip.)
INSPECTION FOREMAN (agric. equip.)
STRUCTURAL-STEEL-ERECTOR FOREMAN (const.)
809.134 ADJUSTABLE-STEEL-JOIST-SETTER FOREMAN (const.)
81 **WELDING, FLAME CUTTING, AND RELATED WORK**
810. **Arc Welding**
810.131 WELDER FOREMAN, PIPE LINE (const.)
815. **Lead Burning**
815.131 LEAD BURNER FOREMAN (welding)
819. **Welding, Flame Cutting, and Related Work, n.e.c.**
819.131 FOREMAN (welding)
82 **ELECTRICAL ASSEMBLING, INSTALLING, AND REPAIRING**
820. **Generator, Motor, and Related Power Plant Equipment Assembly, Installation, and Repair**
820.131 CIRCUIT-BREAKER FOREMAN (light, heat, & power)
ELECTRICIAN FOREMAN, SUBSTATION (light, heat, & power)
821. **Transmission and Distribution Line and Circuit Assembly, Installation, and Repair**
821.131 ELECTRICAL-INSTALLATION INSPECTOR (light, heat, & power)
ELECTRIC-METERMAN FOREMAN (light, heat, & power)
LINE FOREMAN (light, heat, & power)
SERVICE FOREMAN (light, heat, & power) II
STEEL-POST-INSTALLER FOREMAN (light, heat, & power)
WIREMAN FOREMAN (light, heat, & power)
822. **Wire Communication, Detection, and Signaling Equipment Assembly, Installation, and Repair**
822.131 CENTRAL-OFFICE-REPAIRMAN SUPERVISOR (tel. & tel.)
LINE FOREMAN (tel. & tel.)
REPAIRMAN FOREMAN (tel. & tel.)
SIGNAL FOREMAN (r.r. trans.)
TEST-DESK SUPERVISOR (tel. & tel.)
825. **Transportation and Materials Handling Equipment Assembly, Installation, and Repair, n.e.c.**
825.131 ELECTRICIAN FOREMAN (ship & boat bldg. & rep.)
ELEVATOR-CONSTRUCTOR FOREMAN (const.)
FOREMAN, ELECTRICAL (loco. & car bldg. & rep.)
826. **Industrial Apparatus Assembly, Installation, and Repair, n.e.c.**
826.131 ELECTRICAL FOREMAN (petrol. production)
827. **Large Household Appliance and Similar Commercial and Industrial Equipment Assembly, Installation, and Repair**

827.131 ELECTRICAL-APPLIANCE-SERVICEMAN FOREMAN (any ind.)
SHOP FOREMAN (light, heat, & power)
829. Assembly, Installation, and Repair of Electrical Products, n.e.c.
829.131 CABLE FOREMAN (const.; light, heat, & power; tel. & tel.)
ELECTRICIAN FOREMAN (any ind.)
FOREMAN, ELECTRICAL-REPAIR AND TELEPHONE-LINE MAINTENANCE (light, heat, & power)
829.134 UNDERGROUND FOREMAN (light, heat, & power)
84 PAINTING, PLASTERING, WATERPROOFING, CEMENTING, AND RELATED WORK
840. Construction and Maintenance Painting and Related Work
840.131 PAINTER FOREMAN (const.)
PAINTER FOREMAN, SHIPYARD (ship & boat bldg. & rep.)
843. Waterproofing and Related Work
843.134 DOPE FOREMAN (const.)
WATERPROOFING FOREMAN (const.)
849. Painting, Plastering, Waterproofing, Cementing and Related Work, n.e.c.
849.131 LATHER FOREMAN (const.)
85 EXCAVATING, GRADING, PAVING, AND RELATED WORK
850. Excavating, Grading, and Related Work
850.131 CORE-DRILLER FOREMAN (const.)
850.137 LABOR-GANG FOREMAN (const.)
851. Drainage and Related Work
851.137 BANK BOSS (const.)
852. Concrete Paving
852.137 MIXING-PLACE FOREMAN (const.)
853. Asphalt Paving
853.133 ASPHALT-PAVING FOREMAN (const.)
859. Excavating, Grading, Paving, and Related Work, n.e.c.
859.131 GRADING FOREMAN (const.)
PILE-DRIVING FOREMAN (const.)
TUNNEL-HEADING FOREMAN (const.)
859.134 RIPRAP FOREMAN (const.)
86 CONSTRUCTION WORK, N.E.C.
860. Carpentry and Related Work
860.131 BOATBUILDER FOREMAN, WOOD (ship & boat bldg. & rep.)
CARPENTER FOREMAN (const.)
BOWLING-ALLEY-INSTALLATION FOREMAN (const.)
JOINER FOREMAN (ship & boat bldg. & rep.)
860.137 CARPENTER-LABOR FOREMAN (const.)
861. Brick and Stone Masonry and Tile Setting
861.131 BRICKLAYER FOREMAN (const.)
CHIMNEY FOREMAN, BRICK (const.)
STONEMASON FOREMAN (const.)
862. Plumbing, Gas Fitting, Steam Fitting, and Related Work
862.131 FOREMAN, PIPE LINES (petrol. production)
PIPE-FITTER FOREMAN (const.)
PIPE-FITTER FOREMAN (ship & boat bldg. & rep.)
PLUMBER FOREMAN (const.)
PLUMBER FOREMAN, MAINTENANCE (any ind.)
862.132 WELL-POINT PUMPING FOREMAN (const.)
862.134 SUCTION-DREDGE-PIPE-LINE-PLACING FOREMAN (const.)
863. Asbestos and Insulation Work
863.134 BUILDING-INSULATION FOREMAN (const.)
865. Glass Setting and Related Work
865.131 GLAZIER FOREMAN (const.)
869. Miscellaneous Construction Work, n.e.c.
869.131 CONCRETING FOREMAN (const.)
869.131 FOREMAN, MOBILE HOMES (trans. equip.)
Con. STEEL-PAN-FORM-PLACING FOREMAN (const.)
TANKAGE FOREMAN (const.)
869.133 CLEARING FOREMAN (const.)
869.134 FENCE-ERECTOR FOREMAN (const.)
TRACK-LAYING FOREMAN (const.)
869.137 BUILDING-WRECKING FOREMAN (const.)
TRAFFIC-MAINTENANCE SUPERVISOR (gov. ser.)
89 STRUCTURAL WORK, N.E.C.
891. Structural Maintenance, n.e.c.
891.137 FOREMAN, AIRCRAFT CLEANING (air trans.)
892. Hoisting and Conveying, n.e.c.
892.130 RIGGING FOREMAN (const.)
899. Miscellaneous Structural Work, n.e.c.
899.130 FOREMAN, CANAL-EQUIPMENT MAINTENANCE (waterworks)
899.131 LABOR-CREW FOREMAN (const.; light, heat, & power)
UTILITIES-AND-MAINTENANCE FOREMAN (any ind.)
899.133 FOREMAN, LABOR GANG (any ind.)
899.137 AIRPORT - MAINTENANCE CHIEF (air trans.)
90 MOTOR FREIGHT TRANSPORTATION
909. Motor Freight Transportation, n.e.c.
909.137 RIGGER (any ind.) I
TRUCK FOREMAN (motor trans.)
WAREHOUSE FOREMAN (motor trans.)
91 TRANSPORTATION WORK, N.E.C.
910. Railroad Transportation
910.137 FOREMAN, BRANCH OFFICE, RAILWAY EXPRESS (r.r. trans.)
FREIGHT-LOADING FOREMAN (r.r. trans.)
ROAD FOREMAN OF ENGINES (r.r. trans.)
YARDMASTER (any ind.)
911. Water Transportation
911.131 BOATSWAIN (water trans.)
LOCK TENDER, CHIEF OPERATOR (water trans.)
911.133 CADET, DECK (water trans.)
912. Air Transportation
912.137 EQUIPMENT-SERVICE SUPERVISOR (air trans.)
914. Pumping and Pipeline Transportation
914.131 FOREMAN, FIELD PIPE-LINES (pipe lines)
FOREMAN, PUMPING (ore dress., smelt., & refin.)
914.132 COMPRESSOR-STATION ENGINEER, CHIEF (pipe lines)
STATION ENGINEER, CHIEF (pipe lines)
914.134 GAGER, CHIEF (petrol. production; petrol. refin.; pipe lines)
915. Parking Lot and Related Service Work
915.134 TIRE-SERVICE FOREMAN (auto. ser.)
915.137 CAR-WASH SUPERVISOR (auto. ser.)
92 PACKAGING AND MATERIALS HANDLING
920. Packaging
920.130 FOREMAN, PACKING (sugar)
920.132 FOREMAN, CARTON AND CAN SUPPLY (malt liquors)
PACKAGING FOREMAN (any ind.)
920.137 FOREMAN (chew. gum)
PACKING-HOUSE FOREMAN (agric.; whole. tr.)
SORTING FOREMAN (brick & tile)
921. Hoisting and Conveying
921.133 CRANE-CREW FOREMAN (any ind.)
921.137 MATERIAL-CREW FOREMAN (const.)
922. Material Moving and Storing, n.e.c.
922.132 FOREMAN, CELLARS (malt liquors)
922.137 COAL-YARD FOREMAN (any ind.)
FOREMAN, CASE UNLOADING (malt liquors)
FOREMAN, HIDE HOUSE (leather mfg.)
FOREMAN, INSPECTION (plastics mat.)
FOREMAN, LIVESTOCK SALE BARN (whole. tr.)
FOREMAN, LOADING (any ind.)
FOREMAN, OPEN-HEARTH STOCKYARD (iron & steel)
FOREMAN, SHIPPING ROOM (malt liquors)
922.137 MUNITIONS-HANDLER FOREMAN (ammunition)
Con. WAREHOUSE TRAFFIC MAN (whole. tr.)
929. Packaging and Materials Handling, n.e.c
929.131 FOREMAN, SALVAGE (petrol. refin.)
929.133 MATERIALS-HANDLING FOREMAN (any ind.)
YARD FOREMAN (paper & pulp; woodworking)
929.137 BULL-GANG FOREMAN (tobacco)
FOREMAN, EGG PROCESSING (whole. tr.)
FOREMAN, ICE HOUSE (ice)
GENERAL-HANDLING FOREMAN (ore dress., smelt., & refin.)
YARDMAN (ret. tr.) I
93 EXTRACTION OF MINERALS
930. Boring, Drilling, Cutting, and Related Work
930.130 TOOL PUSHER (petrol. production)
930.131 FIELD FOREMAN, OIL-WELL SERVICES (petrol. production)
932. Loading and Conveying
932.132 BANK BOSS (mining & quarrying)
939. Extraction of Minerals, n.e.c.
939.130 FOREMAN, POND (salt production)
939.131 FOREMAN, PRODUCTION (petrol. production)
QUARRY FOREMAN (graphite)
WELL PULLER, HEAD (petrol. production)
939.132 DREDGEMASTER (mining & quarrying)
94 LOGGING
940. Timber Cutting and Related Work
940.137 BUCKER, HEAD (logging)
WOODS BOSS (wood distil. & charc.)
942. Log Sorting, Gathering, Storing, and Related Work
942.137 BOOM FOREMAN (logging; water trans.)
949. Logging, n.e.c.
949.131 HOOK TENDER (logging)
949.137 BUCK SWAMPER (logging)
FOREMAN, LOGGING (logging)
95 PRODUCTION AND DISTRIBUTION OF UTILITIES
950. Stationary Engineering
950.131 REFRIGERATING ENGINEER, HEAD (any ind.)
STATIONARY-ENGINEER FOREMAN (any ind.)
950.132 REFRIGERATION FOREMAN (any ind.)
952. Generation, Transmission, and Distribution of Electric Light and Power
952.131 RECTIFIER SHIFT LEADER (light, heat, & power)
SUBSTATION OPERATOR, CHIEF (light, heat, & power)
953. Production and Distribution of Gas
953-137 GAS-PUMPING-STATION FOREMAN (light, heat, & power)
954. Filtration, Purification, and Distribution of Water
954.130 FOREMAN, PUMPING STATION (waterworks)
955. Refuse and Sewage Disposal
955.130 INCINERATOR FOREMAN (sanitary ser.)
SENIOR SEWAGE-PLANT OPERATOR (sanitary ser.)
959. Production and Distribution of Utilities n.e.c.
959.131 HEATING-PLANT SUPERINTENDENT (any ind.)
96 AMUSEMENT, RECREATION, AND MOTION PICTURE WORK, N.E.C.
962. Motion Picture Production, n.e.c.
962.131 SET ELECTRICIAN, CHIEF (motion pic.)
SHOP FOREMAN (motion pic.)
962.137 GRIP BOSS (motion pic.)
97 GRAPHIC ART WORK
976. Darkroom Work, n.e.c.
976.131 FILM TECHNICIAN (motion pic.)
LABORATORY CHIEF (any ind.)
TRAILER CHIEF (any ind.)
PHOTOGRAPHIC FOREMAN (print. & pub.)
979. Graphic Art Work, n.e.c.
979.130 BLUEPRINTING-AND-PHOTOCOPY SUPERVISOR (any ind.)
979.137 FINISHING-ROOM FOREMAN (print. & pub.)

SUPERVISORY WORK (Farming, Logging, Manufacturing, Processing, Construction, Transportation, and Related Activities)
.138

Work Performed

Work activities in this group primarily involve supervising and coordinating the activities of groups of workers representing different occupations in such fields as manufacturing, farming, logging, processing, construction, and transportation. Planning and supervision are the primary concerns, and the ability to perform the work of subordinates is not essential.

Worker Requirements

An occupationally significant combination of: Ability to understand and apply techniques appropriate to the type of work supervised; organizational ability to plan and assign duties to subordinates; and ability to maintain harmony in working relationships and among workers.

Clues for Applicants and Requirements

Interest in work of industrial nature.
Demonstrated success in nonsupervisory jobs.
Vocational training in school.
Leadership in school or organizations.

Training and Methods of Entry

Entrants into this type of work are commonly selected from outstanding personnel in the pertinent field of work. Experience in more than one facet of the work involved and completion of appropriate technical courses enhance entry prospects.

RELATED CLASSIFICATIONS

Administration (.118; .168) p. 237
Managerial Work (.168) p. 245
Supervisory Work (Farming, Logging, Manufacturing, Processing, Construction, Transportation, and Related Activities) (.130; .131; .132; .133; .134; .137) p. 299

QUALIFICATIONS PROFILE

GED: 4 5
SVP: 8 7 6

Apt:	GVN	SPQ	KFM	EC
	333	334	444	55
	224	443	3	44

Int: 5 9
Temp: 4 5 1
Phys. Dem: S L 5 6

40 **PLANT FARMING**
401. **Grain Farming**
401.138 AREA FOREMAN (agric.)
407. **Gardening and Groundskeeping**
407.138 SUPERINTENDENT, GREENS (amuse. & rec.)
TREE-TRIMMING FOREMAN (light, heat, & power; tel. & tel.)
41 **ANIMAL FARMING**
413. **Livestock Farming**
413.138 CAMP TENDER (agric.)
44 **FORESTRY**
442. **Forest Products Production, Except Logging**
442.138 WOODS BOSS (forestry)
46 **AGRICULTURAL SERVICES**
467. **Animal Husbandry Services**
467.138 WOOL SHEARER, CONTRACT (agric.)
50 **METAL PROCESSING**
500. **Electroplating**
500.138 FOREMAN, FINISHING DEPARTMENT (phonograph)
52 **PROCESSING, FOOD AND RELATED PRODUCTS**
521. **Separating, Crushing, Milling, Chopping, Grinding, and Related Work**
521.138 RICE MILLER (grain & feed mill.)
529. **Processing Food and Related Products, n.e.c.**
529.138 FOREMAN, MALTED MILK (dairy prod.)
FOREMAN, MAPLE PRODUCTS (food prep., n.e.c.)
FOREMAN, SANITATION (bake. prod.; dairy prod.)
SUGAR-REPROCESS OPERATOR, HEAD (sugar)
SUPERINTENDENT, GRAIN ELEVATOR (corn prod.; grain & feed mill.; malt liquors)
SUPERVISOR, SPECIALTY FOOD PRODUCTS (slaught. & meat pack.)
53 **PROCESSING, PAPER AND RELATED MATERIALS**
539. **Processing, Paper and Related Materials, n.e.c.**
539.138 FOREMAN, RAG ROOM (paper & pulp)
FOREMAN, WET END (wallboard)
54 **PROCESSING, PETROLEUM AND RELATED PRODUCTS**
540. **Mixing and Blending**
540.138 GAS-PLANT FOREMAN (light, heat, & power)
542. **Distilling, Subliming, and Carbonizing**
542.138 FOREMAN, TOWER (petrol. refin.)
FURNACE FOREMAN (elec. equip.)
549. **Processing, Petroleum and Related Products, n.e.c.**
549.138 FOREMAN, PURIFICATION (chem.; petrol. refin.)
FOREMAN, SPECIALTY PLANT (petrol. refin.)
PREPARATION PLANT FOREMAN (mining & quarrying)
55 **PROCESSING, CHEMICALS AND RELATED PRODUCTS**
550. **Mixing and Blending**
550.138 COLORIST ASSISTANT (textile)
554. **Coating, Calendering, Laminating, and Finishing**
554.138 FINISHING FOREMAN, PLASTIC SHEETS (plastics mat.)
FOREMAN, COATING (plastics mat.)
559. **Processing, Chemicals and Related Products, n.e.c.**
559.138 CD - STORAGE - AND - MATERIALS - MAKE - UP OPERATOR, HEAD (chem.)
FOREMAN (fertilizer)
FOREMAN (rubber goods)
FOREMAN (rubber reclaim.)
FOREMAN, CHANNEL PROCESS (bone, carbon, & lampblack)
FOREMAN, ROCKET PROPELLANT PLANT (ordnance)
SALVAGE SUPERVISOR (paint & varn.)
57 **PROCESSING, NONMETALLIC MINERALS AND RELATED PRODUCTS**
575. **Forming**
575.138 DRAWING-KILN FOREMAN (glass mfg.)
579. **Processing, Nonmetallic Minerals and Related Products, n.e.c.**
579.138 FOREMAN, ASBESTOS TEXTILE (asbestos prod.)
FOREMAN, CONCRETE PIPE PLANT (conc. prod.)
FOREMAN, MOLD CLEANING - AND - STORAGE (glass mfg.)
FOREMAN, RECEIVING AND PROCESSING (glass mfg.)
579.138 MOLD-MAKING FOREMAN, PLASTIC SHEETS
Con. (plastics mat.)
58 **PROCESSING, LEATHER AND TEXTILES**
582. **Washing, Steaming, and Saturating**
582.138 AGING-DEPARTMENT FOREMAN (textile)
DYER, MASTER (any ind.)
SOAPING-DEPARTMENT FOREMAN (textile)
589. **Processing, Leather and Textiles, n.e.c.**
589.138 FOREMAN (artif. leather)
FOREMAN, SPLIT LEATHER DEPARTMENT (leather mfg.)
62 63 **MECHANICAL REPAIRING**
620. **Motorized Vehicle and Engineering Equipment Repairing**
620.138 AUTOMOTIVE-TEST-SHOP SUPERVISOR (ordnance)
621. **Aircraft Repairing**
621.138 RECLAMATION FOREMAN (whole. tr.)
65 **PRINTING**
652. **Printing Machine Work**
652.138 FOREMAN, DECORATING (glass mfg.)
PRODUCTION MANAGER, REPRODUCTION (print. & pub.)
66 **WOOD MACHINING**
669. **Wood Machining, n.e.c.**
669.138 WOOD-CREW FOREMAN (sawmill)
69 **MACHINE WORK, N.E.C.**
699. **Miscellaneous Machine Work, n.e.c.**
699.138 PRODUCTION FOREMAN (any ind.)
71. **FABRICATION AND REPAIR OF SCIENTIFIC AND MEDICAL APPARATUS, PHOTOGRAPHIC AND OPTICAL GOODS, WATCHES AND CLOCKS, AND RELATED PRODUCTS**
711. **Fabrication and Repair of Optical Instruments and Lenses**
711.138 FOREMAN, OPTICAL INSTRUMENTS (inst. & app.)
72 **ASSEMBLY AND REPAIR OF ELECTRICAL EQUIPMENT**
729. **Assembly and Repair of Electrical Equipment, n.e.c.**
729.138 ASSEMBLY-LINE FOREMAN (electronics)
73 **FABRICATION AND REPAIR OF PRODUCTS MADE FROM ASSORTED MATERIALS**
737. **Fabrication of Ammunition, Fireworks, Explosives, and Related Products**
737.138 INSPECTOR, CHIEF (ammunition)
739. **Fabrication and Repair of Products Made from Assorted Materials, n.e.c.**
739.138 ASSEMBLY FOREMAN (any ind.)
78 **FABRICATION AND REPAIR OF TEXTILE, LEATHER, AND RELATED PRODUCTS**
787. **Machine Sewing, Nongarment**
787.138 FOREMAN, SEWING DEPARTMENT (carpet & rug)
80 **METAL FABRICATING, N.E.C.**
806. **Transportation Equipment Assembling and Related Work**
806.138 TRUCK-ASSEMBLY MECHANIC (ordnance)
82 **ELECTRICAL ASSEMBLING, INSTALLING, AND REPAIRING**
820. **Generator, Motor, and Related Power Plant Equipment Assembly, Installation, and Repair**
820.138 TRANSFORMER ASSEMBLY FOREMAN (elec. equip.)
822. **Wire Communication, Detection, and Signaling Equipment Assembly, Installation, and Repair**
822.138 PROTECTIVE-SIGNAL SUPERINTENDENT (bus. ser.)
823. **Electronic Communication, Detection, and Signaling Equipment Assembly, Installation, and Repair**
823.138 RIGGER, FOREMAN (radio & tv broad.; tel. & tel.)
824. **Lighting Equipment and Building Wiring Assembly, Installation, and Repair, n.e.c.**
824.138 ELECTRICIAN, CHIEF (motion pic.)
STREET-LIGHT-SERVICEMAN FOREMAN (light, heat, & power)
825. **Transportation and Materials Handling Equipment Assembly, Installation, and Repair, n.e.c.**
825.138 SUPERVISOR, LINE DEPARTMENT (r.r. trans.)
84 **PAINTING, PLASTERING, WATERPROOFING, CEMENTING, AND RELATED WORK**
849. **Painting, Plastering, Waterproofing, Cementing, and Related Work, n.e.c.**
849.138 DISPATCHER (const.)
DISPATCHER, READY-MIX PLANT (const.)
85 **EXCAVATING, GRADING, PAVING, AND RELATED WORK**
851. **Drainage and Related Work**
851.138 SEWER FOREMAN (gov. ser.)
86 **CONSTRUCTION WORK, N.E.C.**
862. **Plumbing, Gas Fitting, Steam Fitting, and Related Work**
862.138 MAINS-AND-SERVICE FOREMAN (light, heat, & power)
STEAM-DISTRIBUTION FOREMAN (light, heat, & power)
WATER-AND-SEWER-SYSTEMS FOREMAN (waterworks)
869. **Miscellaneous Construction Work, n.e.c.**
869.138 FOREMAN, MAINTENANCE-AND-CONSTRUCTION (petrol. production)
89 **STRUCTURAL WORK, N.E.C.**
891. **Structural Maintenance, n.e.c.**
891.138 DOCKMASTER (ship & boat bldg. & rep.)
MAINTENANCE FOREMAN (any ind.)
899. **Miscellaneous Structural Work, n.e.c.**
899.138 FOREMAN, MAINTENANCE (petrol. refin.)
SUPERINTENDENT, TRACK (const.)
90 **MOTOR FREIGHT TRANSPORTATION**
909. **Motor Freight Transportation, n.e.c.**
909.138 DRIVER SUPERVISOR (motor trans.)
GARBAGE-COLLECTION FOREMAN (motor trans.)
91 **TRANSPORTATION WORK, N.E.C.**
910. **Railroad Transportation**
910.138 BAGGAGE-AND-MAIL AGENT (r.r. trans.)
CAR-CLEANING FOREMAN (r.r. trans.)
CIRCUS TRAINMASTER (amuse. & rec.)
CONDUCTOR, YARD (r.r. trans.)
911. **Water Transportation**
911.138 BARGE CAPTAIN (water trans.) II
DERRICK-BOAT CAPTAIN (water trans.)
HEADER (water trans.)
SUPERINTENDENT, STEVEDORING (water trans.)
913. **Passenger Transportation, n.e.c.**
913.138 ROAD SUPERVISOR (motor trans.)
SUPERVISOR, CAB (motor trans.)
914. **Pumping and Pipeline Transportation**
914.138 FOREMAN, PIPE-LINE MAINTENANCE (pipe lines)
MAINTENANCE-INSPECTOR FOREMAN (pipe lines)
92 **PACKAGING AND MATERIALS HANDLING**
920. **Packaging**
920.138 FOREMAN, FILLING AND PACKING (paint & varn.)
921. **Hoisting and Conveying**
921.138 FOREMAN, DOCK (coke prod.)
922. **Materials Moving and Storing, n.e.c.**
922.138 COOLER FOREMAN (dairy prod.)
FOREMAN, DOCK (petrol. refin.; pipe lines)
LOADING-RACK FOREMAN (petrol. refin.; pipe lines)
PLATFORM FOREMAN (any ind.)
YARD FOREMAN (forestry)
929. **Packaging and Materials Handling, n.e.c.**
929.138 POLEYARD FOREMAN (light, heat, & power)
WAREHOUSE FOREMAN (any ind.)
YARD FOREMAN (ore dress., smelt., & refin.)
93 **EXTRACTION OF MINERALS**
939. **Extraction of Minerals, n.e.c.**
939.138 PIT FOREMAN (mining & quarrying)
SECTION FOREMAN (mining & quarrying)
94 **LOGGING**
949. **Logging, n.e.c.**
949.138 TIMBER BOSS (logging)
95 **PRODUCTION AND DISTRIBUTION OF UTILITIES**
952. **Generation, Transmission, and Distribution of Electric Light and Power**
952.138 CHIEF LOAD DISPATCHER (light, heat, & power)
HYDROELECTRIC-STATION OPERATOR, CHIEF (light, heat, & power)
SUPERINTENDENT, LOCAL (light, heat, & power)

952.138 TURBINE OPERATOR, HEAD (light, heat, & power)
Con.

953. Production and Distribution of Gas

953.138 PRESSURE FOREMAN (light, heat, & power)
SERVICE FOREMAN (light, heat, & power) I

955. Refuse and Sewage Disposal

955.138 SNOW-REMOVING FOREMAN (gov. ser.)

957. Transmission of Communications, n.e.c.

957.138 CONTROL-ROOM-TECHNICIAN SUPERVISOR (radio & tv broad.)

959. Production and Distribution of Utilities, n.e.c.

959.138 DISPATCHER, CHIEF, SERVICE OR WORK (light, heat, & power)

96 AMUSEMENT, RECREATION, AND MOTION PICTURE WORK, N.E.C.

962. Motion Picture Production, n.e.c.

962.138 PROPERTY MASTER (motion pic.)
RECORDIST, CHIEF (motion pic.)
STAGE-PROPERTY FOREMAN (motion pic.)

964. Theatrical and Related Entertainment Production, n.e.c.

964.138 CIRCUS FOREMAN (amuse. & rec.)

969. Miscellaneous Amusement, Recreation, and Motion Picture Work, n.e.c.

969.138 SUPERVISOR, COSTUMES (motion pic.; radio & tv broad.)

97 GRAPHIC ART WORK

973. Hand Composition, Typesetting, and Related Work

973.138 FOREMAN, COMPOSING ROOM (print. & pub.)

COSTUMING, TAILORING, AND DRESSMAKING

.261; .361

Work Performed

Work activities in this group primarily involve patternmaking and laying out, assembling, fitting, and altering garments tailored to the measurements of the wearer.

Worker Requirements

An occupationally significant combination of: Ability to learn principles and techniques used in patternmaking and garment construction; ability to visualize fit and drape of assembled garment from measurements, sketches, and patterns; good eyesight, with or without correction, to see fine stitching when fitting and assembling garment parts; finger dexterity for sewing; ability to do fine, exacting work requiring constant attention to detail; appreciation for beauty, style, and design; and patience when constructing or altering garments for hard-to-fit people.

Clues for Relating Applicants and Requirements

Preference for activity offering tangible and creative satisfaction.
Successful completion of courses in dressmaking and related subjects.
Experience making own clothing.

Training and Methods of Entry

It usually takes up to 4 years or more to develop journeyman-level proficiency in tailoring and dressmaking skills. Entry workers generally learn the trade by performing the lesser skilled sewing tasks while working alongside experienced tailors or dressmakers. Openings are usually found in the garment industry, in retail trade establishments producing or selling made-to-measure garments, and in entertainment establishments or costume agencies. Advancement opportunities vary according to the type and variety of work done in different establishments. Supervisory positions in the garment industry are commonly filled by journeyman tailors, and persons demonstrating creative ability may find opportunity in design work.

RELATED CLASSIFICATIONS

Art Work (.081) p. 232
Decorating and Art Work (.031; .051; .061) p. 228
Craftmanship and Related Work (.281; .381) p. 312
Artistic Restoration, Decoration, and Related Work (.281; .381) p. 234

QUALIFICATIONS PROFILE

GED: 4 3
SVP: 7 8

Apt:	GVN	SPQ	KFM	EC
	2 2 3	2 3 4	2 2 3	4 3
	3 3 4			

Int: 0 1 9 0
Temp: 5 9 0 Y
Phys. Dem: L 4 6

78 **FABRICATION AND REPAIR OF TEXTILE, LEATHER, AND RELATED PRODUCTS**

785. **Tailoring and Dressmaking**

785.261 MASTER TAILOR (garment; ret. tr.)

TAILOR APPRENTICE, CUSTOM (garment; ret. tr.)

785.361 DRESSMAKER (any ind.)

96 **AMUSEMENT, RECREATION, AND MOTION PICTURE WORK, N.E.C.**

969. **Miscellaneous Amusement, Recreation, and Motion Picture Work, n.e.c.**

969.261 COSTUMER (motion pic.; radio & tv broad.)

COOKING AND RELATED WORK
.281; .381

Work Performed

Work activities in this group primarily involve planning and preparing meals in private homes or in restaurants, hotels, camps, and other places serving large numbers of people.

Worker Requirements

An occupationally significant combination of: Ability to learn the theory and techniques of food preparation ability to plan menus and to compute quantities and costs to order supplies; form perception to examine food and to prepare food arrangements or displays; finger and manual dexterity to use kitchen tools, appliances, and utensils; willingness to wear a uniform; and good health to pass a strict physical examination and obtain a health card from the health department.

Clues for Relating Applicants and Requirements

Successful completion of high school home economics course.
Cooking or baking contest awards.
Cooking experience in the military service.

Training and Methods of Entry

One method of entry is working in a kitchen under the direction of a fully qualified worker. Cooks in large hotels and restaurants usually are graduates of cooking schools or institutes which require graduation from the eighth grade as an essential prerequisite for enrollment. High school or college home economics graduates can enter this field and become proficient after on-the-job training. Apprenticeships are also available in the metropolitan areas.

RELATED CLASSIFICATIONS

Craftsmanship and Related Work (.281; .381) p. 312
Artistic Restoration, Decoration, and Related Work (.281; .381) p. 234

QUALIFICATIONS PROFILE

GED: 3 4
SVP: 4 5 6 7

Apt:	GVN	SPQ	KFM	EC
	333	434	433-	54
	44		4	

Int: 9 0
Temp: 1 9 Y
Phys. Dem: L M 4 6

30 **DOMESTIC SERVICE**
305. **Domestic Cooking**
305.281 Cook (dom. ser.)
31 **FOOD AND BEVERAGE PREPARATION AND SERVICE**
313. **Cooking, Large Hotels and Restaurants**
313.381 Baker, Pizza (hotel & rest.)
Baker, Second (hotel & rest.)
Cook (hotel & rest.)
Cook, School Cafeteria (hotel & rest.)
313.381 Cook Apprentice (hotel & rest.)
Con. Cook Apprentice, Pastry (hotel & rest.)
Cook, Barbecue (hotel & rest.)
Cook, Pastry (hotel & rest.) II
Cook, Specialty, Foreign Food (hotel & rest.)
314. **Cooking, Small Hotels and Restaurants**
314.381 Cook, Short Order (hotel & rest.)
315. **Miscellaneous Cooking, Except Domestic**
315.381 Cook (any ind.)
Cook (fish.)
Cook, Larder (water trans.)
Cook, Mess (water trans.)
Cook, Railroad (r.r. trans.)
Cook, Ranch (agric.)
Cook, Station (water trans.)
Cook, Third (water trans.)
Second Cook and Baker (water trans.)

CRAFTSMANSHIP AND RELATED WORK

.281; .381

Work Performed

Work activities in this group primarily involve fabricating, processing, inspecting, or repairing materials, products, or structural units. Activities in this group are characterized by the emphasis placed upon manual skills, and the application of an organized body of knowledge related to materials, tools, and principles associated with various crafts.

Worker Requirements

An occupationally significant combination of: Ability to learn and apply craft techniques, processes, and principles; ability to use independent judgment in planning sequence of operations and in selecting proper tools and materials; ability to assume responsibility for attainment of prescribed qualitative standards; ability to apply shop mathematics to practical problems, such as computing dimensions and locating reference points from specifications data when laying out work; spatial perception to visualize arrangement and relationships of static or moving parts and assemblies represented in blueprints and diagrams; form perception as required in such activities as inspecting finished work to verify acceptability of surface finish; and some combination of finger and manual dexterity and eye-hand coordination to use handtools and manually controlled power tools when executing work to close tolerances.

Clues for Relating Applicants and Requirements

Hobbies, such as model building or ceramics, which involve hand craftsmanship.
Successful completion of high school industrial arts or vocational education courses.
Military training and experience in craft-related activities.
Preference for work activities offering tangible productive satisfaction.

Training and Methods of Entry

Apprenticeships providing 2 to 6 years of on-the-job training and trade instruction are generally accepted as the best methods of entry into craft work. Many firms have established on-the-job training programs in which entry workers are placed under the supervision of a journeyman or a foreman and are advanced from elementary tasks to progressively more difficult work as they demonstrate increased proficiency in the skills of the craft. Training received in vocational, trade, or technical schools or the armed services enhance entry and advancement prospects, and may shorten training periods in some crafts. Craftsmen who become thoroughly familiar with all aspects of their trade through apprenticeship training generally stand the best chance for advancement to supervisory positions.

RELATED CLASSIFICATIONS

Drafting and Related Work (.181; .281) p. 377
Manipulating (.884) p. 322
Cooking and Related Work (.281; .381) p. 310
Precision Working (.781) p. 319

QUALIFICATIONS PROFILE

GED: 4 3
SVP: 7 6 8

Apt:	GVN	SPQ	KFM	EC
	3 3 3	2 3 4	3 3 3	5 5
	2 4 4	3 4 2	2 2 2	4
	2	2 3		3
				2

Int: 1 9 0
Temp: 0 Y
Phys. Dem: L M H 2 3 4 6

29 **MISCELLANEOUS MERCHANDISING WORK**
299. **Miscellaneous Merchandising Work, n.e.c.**
299.381 CARPET CUTTER (ret. tr.)
CARPET LAYER (ret. tr.)
DRAPERY AND UPHOLSTERY MEASUREMAN (ret. tr.)
33 **BARBERING, COSMETOLOGY, AND RELATED SERVICES**
332. **Beautician Services**
332.381 WIG DRESSER (hairwork; per. ser.)
338. **Embalming**
338.381 EMBALMER (per. ser.)
EMBALMER APPRENTICE (per. ser.)
339. **Barbering, Cosmetology, and Related Services, n.e.c.**
339.381 LADY ATTENDANT (per. ser.)
34 **AMUSEMENT AND RECREATION SERVICES**
346. **Wardrobe and Dressing-Room Services**
346.381 WARDROBE-SPECIALTY WORKER (motion pic.)
35 **MISCELLANEOUS PERSONAL SERVICES**
356. **Animal Care, n.e.c.**
356.381 HORSESHOER (any ind.)
36 **APPAREL AND FURNISHING SERVICES**
362. **Dry Cleaning Service**
362.381 SPOTTER (clean., dye., & press.)
364. **Dyeing and Related Services**
364.381 PAINTER, RUG TOUCH-UP (clean., dye., & press.)
RUG DYER (clean., dye., & press.) I
365. **Shoe and Luggage Repair and Related Services**
365.381 LUGGAGE REPAIRMAN (any ind.)
SHOE REPAIRMAN (per. ser.)
37 **PROTECTIVE SERVICES**
379. **Protective Services, n.e.c.**
379.381 LIGHTHOUSE KEEPER (gov. ser.)
38 **BUILDING AND RELATED SERVICES**
389. **Building and Related Services, n.e.c.**
389.381 FUMIGATOR (bus. ser.)
46 **AGRICULTURAL SERVICES**
465. **Blight and Pest Control and Bindweed Eradication**
465.381 SCOUT (agric.)
50 **METAL PROCESSING**
502. **Melting, Pouring, Casting, and Related Work**
502.381 CASTER (jewelry) I
MOLDER, PUNCH (aircraft mfg.)
504. **Heat Treating**
504.281 HEAT-TREAT INSPECTOR (heat treat.)
51 **ORE REFINING AND FOUNDRY WORK**
518. **Molding, Coremaking, and Related Work**
518.381 BENCH-MOLDER APPRENTICE (jewelry)
COREMAKER (found.)
COREMAKER APPRENTICE (found.)
MOLDER (found.)
MOLDER, SWEEP (found.)
MOLDER APPRENTICE (found.)
MOLDER, BENCH (jewelry)
52 **PROCESSING, FOOD AND RELATED PRODUCTS**
520. **Mixing, Compounding, Blending, Kneading, Shaping, and Related Work**
520.381 HONEY GRADER-AND-BLENDER (food prep., n.e.c.)
525. **Slaughtering, Breaking, Curing, and Related Work**
525.381 BUTCHER, ALL-ROUND (slaught. & meat pack.)
BUTCHER APPRENTICE (slaught. & meat pack.)
526. **Cooking and Baking, n.e.c.**
526.381 BAKER (grain & feed mill.)
CAKE TESTER (grain & feed mill.)
529. **Processing, Food and Related Products, n.e.c.**
529.381 CANDY MAKER (confection.)
ALMOND-PASTE MIXER (confection.)
CHEESEMAKER (dairy prod.)
53 **PROCESSING, PAPER AND RELATED MATERIALS**
530. **Grinding, Beating, and Mixing**
530.281 COLOR MAN (paper & pulp)
55 **PROCESSING, CHEMICALS AND RELATED PRODUCTS**
550. **Mixing and Blending**
550.381 TINTER (paint & varn.)
559. **Processing, Chemicals and Related Products, n.e.c.**
559.381 CHECKER (explosives)
COMPOUNDER, FRAGRANCES AND FLAVORINGS (chem.)
INSPECTOR (fabric. plastics prod.; plastics mat.)
RUBBER TESTER (rubber goods)
56 **PROCESSING, WOOD AND WOOD PRODUCTS**
563. **Drying, Seasoning, and Related Work**
563.381 KILN OPERATOR (woodworking)
57 **PROCESSING, NONMETALLIC MINERALS AND RELATED PRODUCTS**
575. **Forming**
575.381 LENS MOLDER (optical goods) II
58 **PROCESSING, LEATHER AND TEXTILES**
589. **Processing, Leather and Textiles, n.e.c.**
589.281 COLOR MATCHER (hosiery)
589.381 COLOR MATCHER (leather mfg.)
60 **METAL MACHINING**
600. **Machining and Related Work**
600.281 ASSEMBLER, STEAM-AND-GAS TURBINE (engine & turbine)
INSPECTOR, ROUGH CASTING (found.)
MACHINE BUILDER (mach. mfg.; mach. tool & access.)
600.381 LAY-OUT MAN (mach. shop)
PROPELLER LAY-OUT MAN (aircraft mfg.)
601. **Toolmaking and Related Work**
601.281 DIE MAKER, BENCH, STAMPING (mach. shop)
DIE MAKER, FOUR-SLIDE MACHINES (mach. shop)
PROGRESSIVE-DIE MAKER (mach. shop)
DIE SINKER, BENCH (mach. shop)
DIE-TRY-OUT MAN, STAMPING (mach. shop)
INSPECTOR, GAGE (mach. shop)
INSPECTOR, SET-UP AND LAY-OUT MAN (mach. shop)
INSPECTOR, TOOL (mach. shop)
GAGE CONTROLLER (clock & watch)
TOOL MAKER, BENCH (mach. shop)
601.381 DIE FINISHER (mach. shop)
DIE MAKER (jewelry)
DIE-MAKER APPRENTICE (jewelry)
DIE POLISHER (wire)
PLASTIC-FIXTURE BUILDER (mach. tool & access.)
PLASTIC TOOL MAKER (mach. shop)
SAW MAKER (cut. tools)
TEMPLATE MAKER (any ind.)
BOILERMAKER LOFTSMAN (boilermaking; ship & boat bldg. & rep.)
609. **Metal Machining, n.e.c.**
609.381 INSPECTOR, FLOOR (mach. shop)
PROPELLER INSPECTOR (ship & boat bldg. & rep.)
TURBINE INSPECTOR (engine & turbine)
TURBINE SUBASSEMBLER (engine & turbine)
61 **METALWORKING, N.E.C.**
610. **Hammer Forging**
610.381 BLACKSMITH (forging)
BLACKSMITH APPRENTICE (forging)
612. **Forging, n.e.c.**
612.281 INSPECTOR (forging)
612.381 HEAVY FORGER (forging)
613. **Sheet and Bar Rolling**
613.381 GUIDE SETTER (iron & steel)
616. **Fabricating Machine Work**
616.381 SPRING INSPECTOR (spring) I
619. **Miscellaneous Metalworking, n.e.c.**
619.281 CASTING REPAIRMAN (any ind.)
INSPECTOR, METAL FABRICATING (any ind.)
619.381 FORMER, HAND (any ind.)
INSPECTOR (iron & steel)
62, 63 **MECHANICAL REPAIRING**
620. **Motorized Vehicle and Engineering Equipment Repairing**
620.281 AIR-CONDITIONING MECHANIC (auto. ser.)
AUTOMOBILE MECHANIC (auto. ser.)
TROLLEY COACH MECHANIC (motor trans.)
AUTOMOBILE-REPAIR-SERVICE SALESMAN (auto. ser.)
AUTOMOBILE TESTER (auto. ser.)
AUTOMOTIVE-MAINTENANCE-EQUIPMENT SERVICEMAN (any ind.)
AUTOMOTIVE-MECHANIC APPRENTICE (auto. ser.)
BRAKEMAN, AUTOMOBILE (auto. ser.)
BUS INSPECTOR (auto. ser.)
CARBURETOR MAN (auto. ser.)
620.281 CONSTRUCTION-EQUIPMENT MECHANIC (const.)
Con. CRANE INSPECTOR (any ind.)
ENGINEERING-EQUIPMENT MECHANIC (const.)
ENGINEER INSPECTOR (const.)
FRONT-END MAN (auto. ser.)
LOGGING-EQUIPMENT MECHANIC (logging)
MECHANICAL-MAINTENANCE MAN (any ind.)
MECHANIC, INDUSTRIAL TRUCK (any ind.)
MINE MACHINERY MECHANIC (mining & quarrying)
MOTOR AND CHASSIS INSPECTOR (auto. mfg.)
TEST DRIVER (auto. mfg.) I
MOTORCYCLE REPAIRMAN (auto. ser.)
TRACTOR MECHANIC (any ind.)
TRANSMISSION MECHANIC (auto. ser.)
TUNE-UP MAN (auto. ser.)
620.381 AUTOMOBILE-RADIATOR MAN (auto. ser.)
AUTOMOBILE-SERVICE MECHANIC (auto. ser.) I
FIREFIGHTING-EQUIPMENT SPECIALIST (gov. ser.)
MECHANICAL-UNIT REPAIRMAN (auto. ser.; loco. & car bldg. & rep.)
MECHANIC, ENDLESS TRACK COMBAT VEHICLE (auto. ser.)
REPAIRMAN, HEAVY (auto. mfg.)
621. **Aircraft Repairing**
621.281 AIRCRAFT-AND-ENGINE MECHANIC (aircraft mfg.; air trans.)
AIRCRAFT-AND ENGINE MECHANIC, LINE SERVICE (air trans.)
ENGINE TESTER (aircraft mfg.; air trans.)
AIRCRAFT-AND-ENGINE-MECHANIC APPRENTICE (aircraft mfg.; air trans.)
AIRPLANE INSPECTOR (air trans.)
CARBURETOR MAN (air trans.)
EXPERIMENTAL MECHANIC (aircraft mfg.) II
FLIGHT ENGINEER (air trans.)
HYDRAULIC TESTER (aircraft mfg.; air trans.)
MECHANIC, FIELD AND SERVICE (aircraft mfg.)
SUPERCHARGER MECHANIC (aircraft mfg.; air trans.)
621.381 ASSEMBLER, AIRCRAFT POWER PLANT (aircraft mfg.)
FLIGHT-TEST SHOP MECHANIC (aircraft mfg.)
MECHANIC, FLOWMETER TEST AND CERTIFICATION (aircraft mfg.)
PNEUMATIC TESTER AND MECHANIC (aircraft mfg.)
622. **Rail Equipment Repairing**
622.281 LOCOMOTIVE INSPECTOR (loco. & car bldg. & rep.)
622.381 AIR-VALVE REPAIRMAN (loco. & car bldg. & rep.)
CARMAN (loco. & car bldg. & rep.)
CARMAN, PULLMAN (r.r. trans.)
FLOOR-COVERING LAYER (loco. & car bldg & rep.)
CARMAN APPRENTICE (loco. & car bldg. & rep.)
MINE-CAR REPAIRMAN (mining & quarrying)
RAILROAD WHEELS AND AXLE INSPECTOR (loco. & car bldg. & rep.)
SALVAGE INSPECTOR (loco. & car bldg. & rep.)
623. **Marine Equipment Repairing**
623.281 DECK ENGINEER (water trans.)
JUNIOR ENGINEER (water trans.)
MACHINIST APPRENTICE, MARINE ENGINE (ship & boat bldg. & rep.)
MACHINIST APPRENTICE, OUTSIDE (ship & boat bldg. & rep.)
MACHINIST, MARINE ENGINE (ship & boat bldg & rep.)
MACHINIST, OUTSIDE (ship & boat bldg. & rep.)
MOTORBOAT MECHANIC (any ind.)
OUTBOARD MOTOR MECHANIC (ship & boat bldg. & rep.)
SECOND ENGINEER, DREDGE (const.)
623.381 GEAR MAN (water trans.) II
624. **Farm Machinery Repairing**
624.281 FARM-EQUIPMENT MECHANIC (agric.) I
FARM - EQUIPMENT - MECHANIC APPRENTICE (agric.)
WINDMILL REPAIRMAN (any ind.)
624.381 FARM-EQUIPMENT MECHANIC (agric.) II
FARM-MACHINERY SET-UP MAN (whole. tr.)
INSPECTOR AND TESTER (agric. equip.)
625. **Engine Power Transmission, and Related Equipment Repairing**
625.281 DIESEL-ENGINE TESTER (engine & turbine)
DIESEL MECHANIC (any ind.)

625.281 DIESEL-MECHANIC APPRENTICE (any ind.)
Con. ENGINE REPAIRMAN, SERVICE (engine & turbine)
EXPERIMENTAL MECHANIC, OUTBOARD MOTORS (engine & turbine)
FUEL-INJECTION SERVICEMAN (any ind.)
GASOLINE-ENGINE REPAIRMAN (any ind.)
OUTBOARD-MOTOR TESTER (engine & turbine)
POWER-SAW MECHANIC (any ind.)
ROCKET-ENGINE-COMPONENT MECHANIC (aircraft mfg.)
625.381 DIESEL-ENGINE ERECTOR (engine & turbine)
ENGINE REPAIRMAN, PRODUCTION (engine & turbine)
LIFE TESTER, OUTBOARD MOTORS (engine & turbine)

626. Metalworking Machinery Repairing
626.281 FORGE-SHOP-MACHINE REPAIRMAN (forging)
MACHINE REPAIRMAN, MAINTENANCE (any ind.)
SEAMER MECHANIC (any ind.)
REFORM MAN (can. & preserv.)
626.381 GAS-WELDING-EQUIPMENT MECHANIC (any ind.)
HYDRAULIC-PRESS SERVICEMAN (ammunition)
REPAIRMAN, WELDING, BRAZING, AND BURNING MACHINE (welding)
REPAIRMAN, WELDING EQUIPMENT (welding)

627. Printing and Publishing Machinery Repairing
627.281 MACHINIST APPRENTICE, COMPOSING ROOM (print. & pub.)
MACHINIST APPRENTICE, LINOTYPE (print. & pub.)
MACHINIST, LINOTYPE (print. & pub.)
COMPOSING-ROOM MACHINIST (print. & pub.)
PRESS-MAINTENANCE MAN (print. & pub.)

628. Textile Machinery and Equipment Repairing
628.281 MACHINE FIXER (fiber rugs)
OVERHAULER (textile)
628.381 CARD CLOTHIER (textile)

629. Special Industry Machinery Repairing
629.281 BAKERY-MACHINE MECHANIC (bake. prod.)
CARTON-FORMING MACHINE ADJUSTER (tobacco)
CELLOPHANE-CASTING-MACHINE REPAIRMAN (fabric. plastics prod.)
DAIRY-EQUIPMENT REPAIRMAN (dairy prod.)
ELECTRIC-EYE-SORTING-MACHINE TECHNICIAN (can. & preserv.)
FILM-LABORATORY-EQUIPMENT MECHANIC (motion pic.)
FINAL INSPECTOR, FOOD PACKAGING EQUIPMENT (mach. mfg.)
FORMING-MACHINE ADJUSTER (glass mfg.)
GUM-WRAPPING-MACHINE MECHANIC (chew. gum)
LAUNDRY-MACHINE MECHANIC (laund.)
MACHINE ADJUSTER (tobacco)
MAINTENANCE MAN, TELEVISION PICTURE TUBES (electronics)
MAINTENANCE MECHANIC (grain & feed mill.)
MAINTENANCE MECHANIC, RECORD PROCESS EQUIPMENT (phonograph)
MILLER, HEAD, WET PROCESS (corn prod.)
POWDER-LINE REPAIRMAN (explosives)
PUMP INSPECTOR (paper & pulp)
629.381 MACHINE-CLOTHING MAN (paper & pulp)
OIL-TOOL MAINTENANCE MAN (petrol. production)
ROLL-GRINDING INSPECTOR (rubber reclaim.)

630. General Industry Machinery Repairing
630.281 GAS-PLANT REPAIRMAN (light, heat, & power)
GAS WORKER (comp. & liquefied gases)IV
MAINTENANCE MECHANIC, COMPRESSED-GAS PLANT (comp. & liquefied gases)
MECHANICAL INSPECTOR (petrol. refin.)
OVEN-EQUIPMENT REPAIRMAN (coke prod.)
PNEUMATIC-TOOL REPAIRMAN (any ind.)
PNEUMATIC-TUBE REPAIRMAN (any ind.)
PUMP SERVICEMAN (any ind.)
GAS WORKER (comp. & liquefied gases) II
GAS WORKER (comp. & liquefied gases) V
REPAIRMAN (chem.) I
REPAIRMAN (mining & quarrying)
REPAIRMAN (ore dress., smelt., & refin.)
RUBBERIZING MECHANIC (any ind.)

630.281 SERVICE MECHANIC, COMPRESSED GAS EQUIPMENT (comp. & liquefied gases)
Con. TREATMENT-PLANT MECHANIC (waterworks)
630.381 CONVEYOR-MAINTENANCE MAN (any ind.)
DOOR-CLOSER MECHANIC (any ind.)
LEAD OPERATOR (ore dress., smelt., & refin.)
LUBRICATION-EQUIPMENT-MAINTENANCE MAN (any ind.)
SPRAY-GUN REPAIRMAN (any ind.)
VALVE REPAIRMAN (comp. & liquefied gases)

631. Powerplant Machinery Repairing
631.281 HYDROELECTRIC-MACHINERY MECHANIC (light, heat, & power)
POWERHOUSE REPAIRMAN (light, heat, & power)
POWERHOUSE-REPAIRMAN APPRENTICE (light, heat, & power)

632. Ordnance and Accessory Repairing
632.281 GUNSMITH (any ind.)
ORDNANCEMAN (gov. ser.)
AIRCRAFT-ARMAMENT MECHANIC (gov. ser.)
FIRE-CONTROL MECHANIC (gov. ser.)
632.381 INSPECTOR, FIREARMS (ammunition)
INSPECTOR, REMOTE CONTROL (firearms)

633. Business and Commercial Machine Repairing
633.281 ASSEMBLY TECHNICIAN (office mach.)
CASH-REGISTER SERVICEMAN (any ind.)
DICTATING-TRANSCRIBING-MACHINE SERVICEMAN (any ind.)
MACHINE ANALYST (office mach.)
MAIL-PROCESSING-EQUIPMENT MECHANIC (gov. ser.)
OFFICE-MACHINE SERVICEMAN (any ind.)
OFFICE - MACHINE - SERVICEMAN APPRENTICE (any ind.)
SCALE MECHANIC (any ind.)
STATISTICAL-MACHINE SERVICEMAN (any ind.)

637. Utility Equipment Repairing
637.281 AIR-CONDITIONING MECHANIC, COMMERCIAL (any ind.)
AIR-CONDITIONING MECHANIC, DOMESTIC (any ind.)
GAS-APPLIANCE SERVICEMAN (any ind.)
GAS-EQUIPMENT-AND-CONTROL MAN (light, heat, & power)
GAS SERVICEMAN (light, heat, & power)
PUMP ERECTOR (const.)
REFRIGERATION MECHANIC (any ind.)
STOKER ERECTOR-AND-SERVICEMAN (any ind.)
637.381 EVAPORATIVE-COOLER INSTALLER (any ind.)
REFRIGERATION UNIT REPAIRMAN (refrigerat. equip.)

638. Miscellaneous Machine Installation and Repairing
638.281 AUTOMATED EQUIPMENT ENGINEER-TECHNICIAN (mach. mfg.)
MACHINERY ERECTOR (engine & turbine; mach. mfg.)
MAINTENANCE MECHANIC (any ind.) II
MAINTENANCE TECHNICIAN (profess. & kin.)
MANUFACTURER'S SERVICE REPRESENTATIVE (mach. mfg.; mach. tool & access.)
MILLWRIGHT (any ind.)
MAINTENANCE MAN, GAS PLANT (light, heat, & power)
MILLWRIGHT APPRENTICE (any ind.)
SALVAGE MAN (any ind.) II

639. Mechanical Repairing, n.e.c.
639.281 COIN-MACHINE SERVICEMAN (bus. ser.)
SEWING-MACHINE REPAIRMAN (any ind.)
639.381 PINSETTER ADJUSTER, AUTOMATIC (sports equip.)
VENDING-MACHINE REPAIRMAN (bus. ser.; coin mach.)

64 PAPERWORKING

649. Paperworking, n.e.c.
649.381 PATTERN MAN (paper goods)

65 PRINTING

651. Printing Press Work
651.381 OVERLAY CUTTER (print. & pub.)

66 WOOD MACHINING

661. Patternmaking
661.281 PATTERNMAKER APPRENTICE, WOOD (found.)
PATTERNMAKER, WOOD (found.)
PATTERN SETTER (found.)
661.381 HAT-BLOCK MAKER (shaped wood. art.)

661.381 LOFTSMAN (ship & boat bldg. & rep.)
Con. PLUG BUILDER (ship & boat bldg. & rep.)
LOFTSMAN APPRENTICE (ship & boat bldg. & rep.)
SPINDLE CARVER (woodworking)

69 MACHINE WORK, N.E.C.

693. Modelmaking, Patternmaking, and Related Work
693.281 EXPERIMENTAL MECHANIC (aircraft mfg.) I
ROCKET-ENGINE MECHANIC (aircraft mfg.)
PATTERNMAKER (spring)
PATTERNMAKER, METAL, BENCH (found.)
PATTERNMAKER, SAMPLE (hardware)
693.381 LOFTSMAN (aircraft mfg.)
MOCK-UP MAN (aircraft mfg.)
MODEL MAKER (aircraft mfg.) I
MOLDER, PATTERN (found.)

70 FABRICATION, ASSEMBLY, AND REPAIR OF METAL PRODUCTS

700. Fabrication, Assembly, and Repair of Jewelry, Silverware, and Related Products
700.281 BROOCH MAKER (jewelry)
JEWELER (jewelry)
JEWELER APPRENTICE (jewelry)
MODEL MAKER (silverware)
SILVERSMITH (silverware)
700.381 CHAIN MAKER, HAND (jewelry)
FANCY-WIRE DRAWER (jewelry)
GOLDBEATER (gold leaf & foil)
LAY-OUT MAN (jewelry)
LOCKET MAKER (jewelry)
MOLD MAKER (jewelry) I
MOLD-MAKER APPRENTICE (jewelry)
RING MAKER (jewelry) I
STONE SETTER (jewelry; optical goods)

701. Fabrication, Assembly, and Repair of Tools and Related Products
701.281 QUALITY-CONTROL INSPECTOR (cut. tools)
701.381 SAW FILER (any ind.)
TOOL GRINDER (any ind.) I
GRINDER (any ind.) III

703. Sheet-Metal Products Assembly and Repair, n.e.c.
703.381 PATTERNMAKER (stonework)

704. Engraving, Etching, and Related Work
704.281 ENGRAVER, PICTURE (print. & pub.)
704.381 CHASER (jewelry; silverware)
DYNAMIC-ETCHING PROCESSOR (aircraft mfg.)
ENGINE TURNER (jewelry)
ENGRAVER APPRENTICE, DECORATIVE (engraving)
ENGRAVER, DECORATIVE (engraving)
ENGRAVER, HAND (engraving)
ENGRAVER, HAND (print. & pub.)
ENGRAVER, LETTER (print. & pub.)
ENGRAVER, SEALS (pen & pencil)
ROLLER REPAIRMAN (print. & pub.)

706. Metal Unit Assembling and Adjusting, n.e.c.
706.281 INSPECTOR, TYPEWRITER ASSEMBLY AND PARTS (typewriters & parts)
706.381 ADJUSTER (typewriters & parts)
ALINER (typewriters & parts)
ASSEMBLY INSPECTOR (agric. equip.) I
BENCH HAND (furn.) II
FINAL ASSEMBLER (office mach.)
OPERATING-TABLE ASSEMBLER (furn.)
SEWING-MACHINE ASSEMBLER (mach. mfg.)
SUBASSEMBLER (mach. mfg.)
UTILITY MAN (typewriters & parts)

709. Fabrication, Assembly, and Repair of Metal Products, n.e.c.
709.281 INSPECTOR, AIRCRAFT ACCESSORIES (aircraft mfg.)
LOCKSMITH (any ind.)
LOCKSMITH APPRENTICE (any ind.)
709.381 EXPERIMENTAL MAN (wirework)
MODEL MAKER (jewelry)
MODEL-MAKER APPRENTICE (jewelry)
PATTERNMAKER (furn.)
PRECISION INSPECTOR (inst. & app.)
REED MAKER (mach. mfg.)
SPRING FORMER, HAND (spring)

71 FABRICATION AND REPAIR OF SCIENTIFIC AND MEDICAL APPARATUS, PHOTOGRAPHIC AND OPTICAL GOODS, WATCHES AND CLOCKS, AND RELATED PRODUCTS

710. Fabrication and Repair of Instruments for Measuring, Controlling, and Indicating Physical Characteristics
710.281 CONTROLLER ADJUSTER (tobacco)
ELECTRICAL INSPECTOR (inst. & app.)
ELECTRO-MECHANICAL TECHNICIAN (inst. & app.)
ELECTRONIC-SCALE ASSEMBLER AND TESTER (bal. & scales)
GAS-METER PROVER (light, heat, & power)
GAS-METER REPAIRMAN (light, heat, & power)
GAS-METER-REPAIRMAN APPRENTICE (light, heat, & power)
HYDROMETER CALIBRATOR (inst. & app.)
INDUSTRIAL-GAS SERVICEMAN (light, heat, & power)
INSTRUMENT INSPECTOR (inst. & app.)
INSTRUMENT MAN (aircraft mfg.; air trans.)
INSTRUMENT MECHANIC (light, heat, & power)
INSTRUMENT-MECHANIC APPRENTICE (light, heat, & power)
INSTRUMENT REPAIRMAN (any ind.) I
METER REPAIRMAN (any ind.)
TAXIMETER REPAIRMAN (auto. ser.)
TIN-CASE-METER REPAIRMAN (light, heat, & power)
WATER-METER REPAIRMAN (waterworks)
710.381 ASSEMBLY TESTER (inst. & app.)
ATOMIC-FUEL ASSEMBLER (chem.)
BALANCER, SCALE (bal. & scales)
ELECTROMECHANICAL INSPECTOR (inst. & app.)
ELECTRONIC ASSEMBLER AND TESTER (bal. & scales)
GAS-METER INSPECTOR (light, heat, & power)
INSTRUMENT-MAN HELPER (aircraft mfg.; air trans.)
METER MECHANIC (light, heat, & power)
REGISTER REPAIRMAN (r.r. trans.)
REPAIRMAN, GYROSCOPE (inst. & app.)
SPEEDOMETER REPAIRMAN (auto. ser.)

711. Fabrication and Repair of Optical Instruments and Lenses
711.381 BENCHMAN (optical goods) II
LAY-OUT MAN, BENCH (optical goods)
OPTICIAN, CONTACT-LENS DISPENSING (ret. tr.)
SURFACE-LAY-OUT MAN (optical goods)

712. Fabrication and Repair of Surgical, Medical, and Dental Instruments and Supplies
712.281 DENTAL CERAMIST (medical ser.)
MEDICAL-APPARATUS MODEL MAKER (inst. & app.)
ORTHOPEDIC-APPLIANCE-AND-LIMB TECHNICIAN (surgical appl.)
712.381 CONTOUR WIRE SPECIALIST, DENTURE (medical ser.)
DENTAL-LABORATORY TECHNICIAN (medical ser.)
DENTAL TECHNICIAN, CROWN AND BRIDGE (medical ser.)
DENTAL TECHNICIAN, METAL (medical ser.)
ORTHODONTIC TECHNICIAN (medical ser.)
DENTAL-LABORATORY-TECHNICIAN APPRENTICE (medical ser.)
INSPECTOR, HEARING AIDS (electronics)
MOLDER, BENCH (dental equip.)
SET-UP MAN, DENTURE (medical ser.)
SPECIAL NEEDLE MAN (inst. & app.)

713. Fabrication and Repair of Ophthalmic Goods
713.281 ARTIFICIAL-GLASS-EYE MAKER (optical goods)
ARTIFICIAL-PLASTIC-EYE MAKER (optical goods)
LENS-MOLD SETTER (optical goods)
713.381 INSPECTOR (optical goods)
OPTICIAN (optical goods; ret. tr.)
OPTICIAN APPRENTICE (optical goods; ret. tr.)

714. Fabrication and Repair of Photographic Equipment and Supplies
714.281 CAMERA REPAIRMAN (any ind.)
MACHINIST, MOTION-PICTURE EQUIPMENT (motion pic.)
AIRCRAFT-PHOTOGRAPHIC EQUIPMENT MAINTENANCE MAN (any ind.)
TECHNICAL-MAINTENANCE MAN (any ind.)
714.381 ASSEMBLER, FILM DEVELOPER (photo. apparatus)
ASSEMBLER, MOTION-PICTURE CAMERAS (photo. apparatus)
ASSEMBLER, PHOTOGRAPHIC EQUIPMENT (photo. apparatus)
PHOTOGRAPHIC-PLATE MAKER (electronics)

715. Fabrication and Repair of Watches, Clocks, and Parts
715.281 CHRONOMETER ADJUSTER (clock & watch)
REPAIRMAN (clock & watch)
WATCH ADJUSTER (clock & watch) I
WATCH ADJUSTER (clock & watch) II
WATCHMAKER (any ind.)
REPAIRMAN (inst. & app.)
WATCHMAKER APPRENTICE (any ind.)
715.381 ASSEMBLYMAN (clock & watch)
BANKING INSPECTOR (clock & watch)
BARREL-ENDSHAKE ADJUSTER (clock & watch)
BARREL INSPECTOR (clock & watch) I
COORDINATE-MEASURING-MACHINE TECHNICIAN (clock & watch)
FINAL INSPECTOR (clock & watch)
HAIRSPRING INSPECTOR (clock & watch) I
HAIRSPRING TRUER (clock & watch)
HAIRSPRING VIBRATOR (clock & watch)
INSPECTOR (clock & watch)
INSPECTOR, WATCH PARTS (clock & watch) I
TIMING ADJUSTER (clock & watch)
TRAIN INSPECTOR (clock & watch)
WATCH ASSEMBLER (clock & watch)
WATCH-ASSEMBLY INSPECTOR (clock & watch)

719. Fabrication and Repair of Scientific and Medical Apparatus, Photographic and Optical Goods, Watches and Clocks, and Related Products, n.e.c.
719.281 HEARING-AID REPAIRMAN (any ind.)
719.381 INSTRUMENT MAKER (optical goods)

72 ASSEMBLY AND REPAIR OF ELECTRICAL EQUIPMENT

720. Assembly and Repair of Radio and Television Receiving Sets and Phonographs
720.281 RADIO REPAIRMAN (any ind.)
TAPE-RECORDER REPAIRMAN (any ind.)
TELEVISION SERVICE AND REPAIRMAN (any ind.)
TELEVISION-SERVICE-AND-REPAIRMAN APPRENTICE (any ind.)

721. Assembly and Repair of Motors, Generators, and Related Products
721.281 ELECTRIC-MOTOR ANALYST (any ind.)
ELECTRIC-MOTOR ASSEMBLER AND TESTER (any ind.)
ELECTRIC-MOTOR REPAIRMAN (any ind.)
AUTOMOTIVE-GENERATOR-AND-STARTER REPAIRMAN (auto. ser.)
PROPULSION-MOTOR-AND-GENERATOR REPAIRMAN (auto. ser.)
ELECTRIC-MOTOR REPAIRMAN (elec. equip.)
IGNITION SPECIALIST (air trans.)
MAGNETO REPAIRMAN (any ind.)
TESTER, MOTORS AND CONTROLS (elec. equip.)
721.381 ELECTRIC-MOTOR-AND-GENERATOR ASSEMBLER (elec. equip.)
ELECTRIC-MOTOR-CONTROL ASSEMBLER (elec. equip.)
ELECTRIC-MOTOR FITTER (loco. & car bldg. & rep.)
FINAL TESTER (elec. equip.)
GOVERNOR ASSEMBLER, HYDRAULIC (elec. equip.)
INSPECTOR, MOTORS AND GENERATORS (elec. equip.)

722. Communications Equipment Assembly and Repair
722.281 INSPECTOR, SYSTEMS (electronics)
INSPECTOR, GUIDED MISSILES ELECTRONIC SYSTEMS (gov. ser.)
INSTRUMENT SHOPMAN (tel. & tel.)
722.381 ASSEMBLER (tel. & tel.)
INSTRUMENT INSPECTOR (aircraft mfg.)

723. Assembly and Repair of Electrical Appliances and Fixtures
723.381 ELECTRICAL-APPLIANCE REPAIRMAN (any ind.)
MODEL MAKER, FLUORESCENT LIGHTING (light. fix.)
VACUUM-CLEANER REPAIRMAN (any ind.)

724. Winding and Assembly of Coils, Magnets, Armatures, and Related Products
724.281 TRANSFORMER TESTER (light, heat, & power)
724.381 ADJUSTER, ELECTRICAL CONTACTS (elec. equip.)
COIL-UNIT BUILDER, EXPERIMENTAL (electronics)
TRANSFORMER REPAIRMAN (any ind.)

726. Assembly and Repair of Electronic Components and Accessories, n.e.c.
726.281 ELECTRICIAN, RESEARCH (aircraft mfg.)
ELECTRONICS ASSEMBLER, DEVELOPMENTAL (electronics)
ELECTRONICS TECHNICIAN, AUTOMATED PROCESS (electronics)
ENGINEERING DEVELOPMENT TECHNICIAN (aircraft mfg.)
726.381 GENERAL ASSEMBLER (electronics)
X-RAY OPERATOR, QUARTZ CRYSTALS (electronics)

727. Storage Battery Assembly
727.381 BATTERY REPAIRMAN (any ind.)
DRY CELL TESTER (elec. equip.)
LABORATORY MAN, STORAGE BATTERY (elec. equip.)

728. Fabrication of Electrical Wire and Cable
728.281 CABLE-LAY-OUT MAN (elec. equip.)

729. Assembly and Repair of Electrical Equipment, n.e.c.
729.281 AUDIO-VIDEO REPAIRMAN (any ind.)
ELECTRICAL-INSTRUMENT REPAIRMAN (any ind.)
DYNAMOMETER REPAIRMAN (elec. equip.)
ELECTRIC-METER REPAIRMAN (light, heat, & power)
ELECTRIC-METER-REPAIRMAN APPRENTICE (light, heat, & power)
ELECTRIC-TOOL REPAIRMAN (any ind.)
ELECTROMEDICAL-EQUIPMENT REPAIRMAN (any ind.)
INSIDE METERMAN (light, heat, & power)
INSTRUMENT MAKER (elec. equip.; electronics)
RELAY TESTER (light, heat, & power)
SALVAGE REPAIRMAN (light, heat, & power) I
WIREMAN (office mach.) I
X-RAY-EQUIPMENT TESTER (any ind.)
729.381 ELECTRICAL-EQUIPMENT TESTER (aircraft mfg.)
PIN-GAME-MACHINE INSPECTOR (coin mach.)
PRINTED-CIRCUIT TECHNICIAN (electronics)
PRODUCTION REPAIRMAN (electronics)
STREET-LIGHT REPAIRMAN (light, heat, & power) I
TESTER, SYSTEMS (electronics)
WIREMAN, CABLE (elec. equip.)

73 FABRICATION AND REPAIR OF PRODUCTS MADE FROM ASSORTED MATERIALS

730. Fabrication and Repair of Musical Instruments and Parts
730.281 ACCORDION MAKER (musical inst.)
ACCORDION REPAIRMAN (any ind.)
ELECTRIC-ORGAN INSPECTOR AND REPAIRMAN (musical inst.)
FRETTED-INSTRUMENT MAKER, HAND (musical inst.)
FRETTED-INSTRUMENT REPAIRMAN (any ind.)
HARP MAKER (musical inst.)
HARPSICHORD MAKER (musical inst.)
MUSICAL-INSTRUMENT REPAIRMAN (any ind.)
MUSICAL-INSTRUMENT-REPAIRMAN APPRENTICE (any ind.)
PIANO TECHNICIAN (any ind.)
PIPE-ORGAN BUILDER (musical inst.)
VIOLIN MAKER, HAND (musical inst.)
VIOLIN REPAIRMAN (any ind.)
WIND-INSTRUMENT REPAIRMAN (any ind.)
730.381 ACCORDION TUNER (any ind.)
BELL MAKER (musical inst.)
BRASS-WIND-INSTRUMENT MAKER (musical inst.)
ELECTRIC - ORGAN ASSEMBLER AND CHECKER (musical inst.)
HAND CARVER (musical inst.)
HARP-ACTION ASSEMBLER (musical inst.)
HARP REGULATOR (musical inst.)
METAL-REED TUNER (any ind.)
ORGAN-PIPE VOICER (musical inst.)
PERCUSSION-INSTRUMENT REPAIRMAN (any ind.)
PIANO TUNER (any ind.)
PIPE-ORGAN INSTALLER (musical inst.)
PIPE-ORGAN TUNER AND REPAIRMAN (any ind.)
TUNER, PERCUSSION (musical inst.)

731. Fabrication and Repair of Games and Toys
731.381 DICE MAKER (toys & games)

732. **Fabrication and Repair of Sporting Goods**
732.381 BOWLING-BALL GRADER AND MARKER (sports equip.)
BOW MAKER, HAND (sports equip.)
BOW REPAIRMAN, CUSTOM (sports equip.)
GOLF-CLUB HEAD FORMER (sports equip.)
GOLF-CLUB REPAIRMAN (any ind.)
733. **Fabrication and Repair of Pens, Pencils, and Office and Artists' Materials, n.e.c.**
733.381 ENGRAVER, RUBBER (pen & pencil)
RUBBER-STAMP MAKER (pen & pencil)
735. **Fabrication and Repair of Jewelry, n.e.c.**
735.381 BENCH HAND (jewelry) II
GENUINE-PEARL WORKER (jewelry)
736. **Fabrication and Repair of Ordnance and Accessories**
736.281 GUN EXAMINER (firearms)
736.381 ASSEMBLER (firearms) I
PROCESS INSPECTOR (ordnance)
737. **Fabrication of Ammunition, Fireworks, Explosives, and Related Products**
737.381 ASSEMBLER, IGNITER (ordnance)
739. **Fabrication and Repair of Products Made from Assorted Materials, n.e.c.**
739.281 MANNEQUIN-MOLD MAKER (model & pattern)
739.381 CANVAS WORKER (canvas goods; ship & boat bldg. & rep.)
CANVAS-WORKER APPRENTICE (canvas goods; ship & boat bldg. & rep.)
CUTTER, FABRICS AND MATERIALS (aircraft mfg.)
DIE MAKER (paper goods)
DIE-MAKER APPRENTICE (paper goods)
DIORAMA MODEL MAKER (signs)
DISPLAY ASSEMBLER (signs)
EXPERIMENTAL ASSEMBLER (any ind.)
INSET CUTTER (linoleum)
SURVIVAL EQUIPMENT REPAIRMAN (gov. ser.)
74 **PAINTING, DECORATING, AND RELATED WORK**
740. **Brush Painting**
740.381 DECORATOR (glass mfg.; glass prod.) I
LINER (pottery & porc.)
LUSTER APPLICATOR (glass mfg.; glass prod.)
749. **Painting, Decorating, and Related Work, n.e.c.**
749.381 PAINT INSPECTOR, HEAD (typewriters & parts)
75 **FABRICATION AND REPAIR OF PLASTICS, SYNTHETICS, RUBBER AND RELATED PRODUCTS**
750. **Fabrication and Repair of Tires, Tubes, Tire Treads, and Related Products**
750.281 TIRE TECHNICIAN (rubber tire & tube)
751. **Laying Out and Cutting, n.e.c.**
751.381 LAY-OUT MAN (engraving)
753. **Fabrication and Repair of Rubber and Plastic Footwear**
753.381 BOOTMAKER, HAND (rubber goods)
754. **Fabrication and Repair of Miscellaneous Plastics Products**
754.381 FABRICATOR, PLASTICS (fabric. plastics prod.)
INTERNAL CARVER (fabric. plastics prod.)
PATTERNMAKER, PLASTICS (fabric. plastics prod.)
PLASTICS BENCH MECHANIC (aircraft mfg.; fabric. plastics prod.)
759. **Fabrication and Repair of Plastics, Synthetics, Rubber, and Related Products, n.e.c.**
759.281 PROTOTYPE-DE-ICER ASSEMBLER (rubber goods)
759.381 RUBBER-GOODS TESTER (light, heat, & power)
76 **FABRICATION AND REPAIR OF WOOD PRODUCTS**
761. **Laying Out, Cutting, Carving, Shaping, and Sanding, n.e.c.**
761.281 CARVER, HAND (furn.; plan. mill)
761.381 BOAT-OAR MAKER (woodworking)
JIG BUILDER (wood. box)
LAST-MODEL MAKER (lasts & rel. forms)
LAY-OUT MAN (woodworking) I
SMOKING-PIPE MAKER (smoking pipe)
STOCK MAKER, CUSTOM (firearms)
763. **Fabrication and Repair of Furniture, n.e.c.**
763.381 FURNITURE FINISHER (woodworking)
FURNITURE-FINISHER APPRENTICE (woodworking)
769. **Fabrication and Repair of Wood Products, n.e.c.**
769.281 AIRPLANE WOODWORKER (aircraft mfg.)
769.381 COMPO CASTER (mirror & pic. frames)
77 **FABRICATION AND REPAIR OF SAND, STONE, CLAY, AND GLASS PRODUCTS**
770. **Fabrication and Repair of Jewelry, Ornaments, and Related Products**
770.281 DIAMOND CUTTER (jewelry)
DIAMOND SELECTOR (jewelry)
GEM CUTTER (jewelry)
INDUSTRIAL-DIAMOND POLISHER (jewelry)
770.381 BEAD MAKER (jewelry)
JEWEL-BEARING MAKER (jewelry)
ROLLED-GOLD PLATER (jewelry)
SPOTTER (jewelry)
771. **Stone Cutting and Carving**
771.281 STENCIL CUTTER (stonework)
STONE CARVER (const.; stonework)
STONE-CARVER APPRENTICE (const.; stonework)
771.381 STONECUTTER, HAND (stonework)
STONECUTTER, FREESTONE (const.)
772. **Glass Blowing, Pressing, Shaping, and Related Work, n.e.c.**
772.281 GLASS BLOWER, LABORATORY APPARATUS (glass prod.; inst. & app.)
772.381 GLASS BENDER (signs)
LAY-OUT MAN (signs) I
WARE FINISHER (glass mfg.)
773. **Coloring and Decorating Brick, Tile, and Related Products**
773.381 TILE DECORATOR (brick & tile)
774. **Fabrication and Repair of Pottery and Porcelain Ware**
774.281 MODEL MAKER (pottery & porc.)
774.381 PRESSER, HAND (pottery & porc.)
SANITARY PRESSER (pottery & porc.)
THROWER (pottery & porc.)
775. **Grinding, Filing, Polishing, Frosting, Etching, Cleaning, and Related Work, n.e.c.**
775.281 SURFACE-PLATE FINISHER (stonework)
775.381 ENGRAVER (glass prod.; mirror)
GLASS DECORATOR (glass mfg.; glass prod.)
777. **Modelmaking, Patternmaking, Moldmaking, and Related Work**
777.381 EAR-MOLD LABORATORY TECHNICIAN (fabric. plastics prod.)
MODEL-AND-MOLD MAKER (brick & tile)
MODEL-AND-MOLD MAKER, PLASTER (conc. prod.)
PATTERNMAKER APPRENTICE, PLASTER (aircraft mfg.)
PATTERNMAKER, PLASTER (aircraft mfg.)
PLASTER MOLDER (found.) I
PLASTER-PATTERN CASTER (aircraft mfg.; mach. tool & access.)
RELIEF-MAP MODELER (any ind.)
SAND TESTER (found.) II
779. **Fabrication and Repair of Sand, Stone, Clay, and Glass Products, n.e.c.**
779.281 CLAY MODELER (any ind.)
779.381 GLAZIER, STAINED GLASS (glass prod.)
INSPECTOR, RAW QUARTZ (electronics)
REPAIRMAN, ART OBJECTS (any ind.)
TRACER (const.; stonework)
78 **FABRICATION AND REPAIR OF TEXTILE, LEATHER, AND RELATED PRODUCTS**
780. **Upholstering and Mattress and Bedspring Fabrication and Repair**
780.381 AUTOMOBILE UPHOLSTERER (auto. ser.)
AUTOMOBILE-UPHOLSTERER APPRENTICE (auto. ser.)
FURNITURE UPHOLSTERER (any ind.)
UPHOLSTERER (r.r. trans.)
FURNITURE-UPHOLSTERER APPRENTICE (any ind.)
SLIPCOVER CUTTER (house furn.; ret. tr.)
781. **Laying Out, Marking, Cutting, and Punching, n.e.c.**
781.281 BLUE-PENCIL MAN (garment)
SAIL-LAY-OUT MAN (canvas goods)
781.381 CARTOON DESIGNER (embroid.)
DESIGNER AND TEMPLATE MAKER, COVERINGS (aircraft mfg.)
PATTERN CUTTER (garment)
PATTERNMAKER (furn.; garment; tex. prod., n.e.c.)
782. **Handsewing, Mending, Embroidering, Knitting, and Related Work, n.e.c.**
782.381 CORSET FITTER (ret. tr.)
EMBROIDERY PATTERNMAKER (ret. tr.; whole. tr.)
782.381 ORIENTAL-RUG Repairman (any ind.)
Con.
783. **Fur Working**
783.381 FUR FINISHER (fur goods)
784. **Fabrication and Repair of Hats, Caps, Gloves, and Related Products**
784.281 MILLINER (ret. tr.)
784.381 PATTERNMAKER (hat & cap)
785. **Tailoring and Dressmaking**
785.281 ALTERATION TAILOR (garment; per. ser.; ret. tr.)
TAILOR APPRENTICE, ALTERATION (garment: per. ser.; ret. tr.)
785.381 MEN'S-GARMENT FITTER (ret. tr.)
SAMPLE STITCHER (garment)
SEAMSTRESS (any ind.)
SEAMSTRESS, LINEN ROOM (hotel & rest.)
SEAMSTRESS, WOMEN'S GARMENT ALTERATIONS (ret. tr.)
SHOP TAILOR (garment; ret. tr.)
TAILOR APPRENTICE, SHOP (garment; ret. tr.)
WOMEN'S-GARMENT FITTER (ret. tr.)
787. **Machine Sewing, Nongarment**
787.381 LAMP-SHADE SEWER (fabric. prod., n.e.c.)
788. **Fabrication and Repair of Footwear**
788.281 DESIGNER AND PATTERNMAKER (boot & shoe)
ORTHOPEDIC-BOOT-AND-SHOE DESIGNER AND MAKER (boot & shoe)
788.381 COBBLER (boot & shoe)
SHOEMAKER, CUSTOM (boot & shoe)
789. **Fabrication and Repair of Textile, Leather, and Related Products, n.e.c.**
789.281 DESIGN-PATTERN MAN (canvas goods)
789.381 FORM MAKER (garment)
PATTERN CHART-WRITER (paper goods)
TRAWL-NET MAKER (cord. & twine)
79 **BENCH WORK, N.E.C.**
790. **Preparation of Food, Tobacco, and Related Products, n.e.c.**
790.381 TOBACCO BLENDER (ret. tr.)
80 **METAL FABRICATING, N.E.C.**
801. **Fitting, Bolting, Screwing, and Related Work**
801.281 FITTER (any ind.) I
801.381 AIRCRAFT MECHANIC, ARMAMENT (aircraft mfg.)
AIRCRAFT MECHANIC, HEAT AND VENT (aircraft mfg.)
AIRCRAFT MECHANIC, RIGGING AND CONTROLS (aircraft mfg.)
ASSEMBLER, MINING MACHINERY (mach. mfg.)
ASSEMBLER, WELDED DUCTS (aircraft mfg.)
BLOWER AND COMPRESSOR ASSEMBLER (mach. mfg.)
FITTER (mach. shop)
804. **Sheet Metal Work**
804.281 SHEET-METAL WORKER (any ind.)
SHEET-METAL-WORKER APPRENTICE (any ind.)
805. **Boilermaking and Related Work**
805.281 BOILERMAKER (boilermaking) I
BOILERMAKER APPRENTICE (boilermaking)
805.381 BOILERHOUSE REPAIRMAN (any ind.)
BOILERMAKER FITTER (boilermaking)
806. **Transportation Equipment Assembling and Related Work**
806.281 CAR CHECKER (ret. tr.)
DYNAMOMETER TESTER, MOTOR (auto. mfg.)
EXPERIMENTAL MECHANIC, ELECTRICAL (motor. & bicycles)
FINAL INSPECTOR, MOTORCYCLES (motor. & bicycles)
HULL INSPECTOR (ship & boat bldg. & rep.)
INTERNAL-COMBUSTION-ENGINE INSPECTOR (engine & turbine)
RIGGER (ship & boat bldg. & rep.)
RIGGER APPRENTICE (ship & boat bldg. & rep.)
806.381 ASSEMBLER, AIRCRAFT STRUCTURES AND SURFACES (aircraft mfg.)
ASSEMBLER, ELECTRO-MECHANICAL (aircraft mfg.)
ASSEMBLY MECHANIC, EXPERIMENTAL AIRCRAFT (aircraft mfg.)
FINAL INSPECTOR, TRUCK TRAILER (auto. mfg.)
INSPECTOR, ASSEMBLIES AND INSTALLATIONS (aircraft mfg.)
OUTSIDE-PRODUCTION INSPECTOR (aircraft mfg.)
MAJOR-ASSEMBLY INSPECTOR (agric. equip.)
NEW-CAR GET-READY MAN (auto. ser.)
SHIPFITTER (ship & boat bldg. & rep.)

806.381 Con. SHIPFITTER APPRENTICE (ship & boat bldg. & rep.)
STREETCAR REPAIRMAN (loco. & car bldg. & rep.)
TESTER, PLUMBING SYSTEMS (aircraft mfg.)

807. **Body Work, Transportation Equipment**

807.281 TRUCK-BODY BUILDER (auto. mfg.; auto. ser.)
TRUCK-BODY-BUILDER APPRENTICE (auto. mfg.; auto. ser.)

807.381 AUTOMOBILE-BODY REPAIRMAN (auto. ser.)
AUTOMOBILE-BODY-REPAIRMAN APPRENTICE (auto. ser.)
AUTOMOBILE-BODY-REPAIRMAN APPRENTICE, COMBINATION (auto. ser.)
BODY REPAIRMAN, BUS (auto. ser.)
INSPECTOR, FABRICATION (aircraft mfg.)
SERVICE MECHANIC (auto. mfg.)
SKIN MAN (aircraft mfg.; air trans.)

809. **Miscellaneous Metal Fabricating, n.e.c.**

809.381 FABRICATOR-ASSEMBLER, METAL PRODUCTS. (any ind.)
LAY-OUT MAN (any ind.) I
SHEET-METAL-LAY-OUT MAN (any ind.)
STRUCTURAL-SHEET LAY-OUT MAN (any ind.)
ORNAMENTAL-IRON WORKER (const.)
ORNAMENTAL-IRON-WORKER APPRENTICE (const.)
TANK SETTER (petrol. production)

81 **WELDING, FLAME CUTTING, AND RELATED WORK**

813. **Resistance Welding**

813.281 RESISTANCE-WELDING TECHNICIAN (welding)

815. **Lead Burning**

815.281 LEAD BURNER (welding)
LEAD-BURNER APPRENTICE (welding)

819. **Welding, Flame Cutting, and Related Work, n.e.c.**

819.381 WELDER-FITTER (welding)
WELDER, TOOL AND DIE (welding)
WELDER-FITTER APPRENTICE (welding)
WELD INSPECTOR (welding)
WELDABILITY-TEST INSPECTOR (welding)

82 **ELECTRICAL ASSEMBLING, INSTALLING, AND REPAIRING**

820. **Generator, Motor, and Related Powerplant Equipment Assembly, Installation, and Repair**

820.281 CIRCUIT-BREAKER MECHANIC (light, heat, & power)
ELECTRICIAN APPRENTICE, POWERHOUSE (light, heat, & power)
ELECTRICIAN, POWERHOUSE (light, heat, & power)
ELECTRICIAN, RECTIFIER MAINTENANCE (light, heat, & power)
ELECTRICIAN, SUBSTATION (light, heat, & power)
MOTOR-ROOM CONTROL MAN (light, heat, & power)
ENGINE ASSEMBLY FOREMAN (engine & turbine)

820.381 BATTERYMAN, LARGE EMERGENCY STORAGE (light, heat, & power)
CORROSION-CONTROL FITTER (light, heat, & power)
ELECTRIC-MOTOR-GENERATOR-SET ASSEMBLER (elec. equip.)
ENGINE-GENERATOR-SET ASSEMBLER (engine & turbine)
TRANSFORMER ASSEMBLER (elec. equip.)

821. **Transmission and Distribution Line and Circuit Assembly, Installation, and Repair**

821.281 LINEMAN (any ind.)
TELEVISION-CABLE LINEMAN (radio & tv broad.)
RADIO INVESTIGATOR (light, heat, & power)
RELAY-TECHNICIAN JOURNEYMAN (light, heat, & power)
TROUBLE MAN (light, heat, & power) II

821.381 CABLE MAN (light, heat, & power)
ELECTRIC-METER INSTALLER (light, heat, & power) I
CUT-IN AND CUT-OUT MAN (light, heat, & power)
METERMAN, OUTSIDE (light, heat, & power)

821.381 Con. ELECTRIC-METER TESTER (light, heat, & power)
DEMAND-METER INSPECTOR (light, heat, & power)
ELECTROLYSIS TESTER (r. r. trans.)
LINEMAN (const.; light, heat, & power)
TOWERMAN (const.; light, heat, & power)
LINEMAN APPRENTICE (light, heat, & power)
LINEMAN, REPAIR (light, heat, & power)
LINEMAN, STREET RAILWAY (r. r. trans.)
POWER-TRANSFORMER REPAIRMAN (light, heat, & power)
VOLTAGE TESTER (light, heat, & power)

822. **Wire Communication, Detection, and Signaling Equipment Assembly, Installation, and Repair**

822.281 AUTOMATIC-EQUIPMENT TECHNICIAN (tel. & tel.)
CENTRAL OFFICE REPAIRMAN (tel. & tel.)
COMBINATION MAN (tel. & tel.)
INSTALLER REPAIRMAN (tel. & tel.)
COMMUNICATION ENGINEER (light, heat, & power)
COMMUNICATION MAN (any ind.)
ELECTRICIAN, OFFICE (tel. & tel.)
EQUIPMENT INSPECTOR (tel. & tel.)
MAINTENANCE INSPECTOR (tel. & tel.)
MECHANICIAN, SUBMARINE CABLE EQUIPMENT (tel. & tel.)
PRIVATE-BRANCH-EXCHANGE REPAIRMAN (tel. & tel.)
SIGNAL MAINTAINER (r. r. trans.)
STATION REPAIRMAN (tel. & tel.)
TESTING-AND-REGULATING TECHNICIAN (tel. & tel.)
SUBMARINE-CABLE-STATION TECHNICIAN (tel. & tel.)

822.381 CABLE REPAIRMAN (tel. & tel.)
CABLE TESTER (tel. & tel.)
CENTRAL-OFFICE INSTALLER (tel. & tel.)
EQUIPMENT INSTALLER (tel. & tel.) I
LINEMAN (tel. & tel.)
LINEMAN, SECTION (tel. & tel.)
PRIVATE-BRANCH-EXCHANGE INSTALLER (tel. & tel.)
PRIVATE-BRANCH-EXCHANGE-INSTALLER APPRENTICE (tel. & tel.)
PROTECTIVE-SIGNAL INSTALLER (bus. ser.)
PROTECTIVE-SIGNAL REPAIRMAN (bus. ser.)
STATION INSTALLER (tel. & tel.)
TELEGRAPH-PLANT MAINTAINER (tel. & tel.)
TELEPHONE INSPECTOR (tel. & tel.)
TEST DESKMAN (tel. & tel.)
TRANSMISSION MAN (tel. & tel.)

823. **Electronic Communication, Detection, and Signaling Equipment Assembly, Installation, and Repair**

823.281 ALARM-TROUBLE MAN (bus. ser.)
ELECTRICIAN, RADIO (any ind.)
RADIO, COMMUNICATIONS, EQUIPMENT INSTALLER. SERVICEMAN (tel. & tel.)
METEOROLOGICAL-EQUIPMENT REPAIRER (any ind.)
PUBLIC-ADDRESS SERVICEMAN (any ind.)
RADIO MECHANIC (any ind.) II
RADIO MECHANIC, AIRCRAFT INSTALLATIONS (aircraft mfg.; air trans.)

824. **Lighting Equipment and Building Wiring Assembly, Installation, and Repair, n.e.c.**

824.281 ELECTRIC-DISTRIBUTION CHECKER (const.; light, heat, & power)
ELECTRICIAN (any ind.)
ELECTRICIAN APPRENTICE (any ind.)
NEON-SIGN SERVICEMAN (signs)

824.381 ELECTRICIAN, STAGE (amusc. & rec.)
STREET-LIGHT SERVICEMAN (light, heat, & power)

825. **Transportation and Materials Handling Equipment Assembly, Installation, and Repair, n.e.c.**

825.281 ELECTRICAL REPAIRMAN (aircraft mfg.)
ELECTRICIAN (water trans.)
ELECTRICIAN, AIRPLANE (aircraft mfg.)
ELECTRICIAN, AUTOMOTIVE (auto. ser.)
ELECTRICAL REPAIRMAN, INTERNAL COMBUSTION ENGINES (engine & turbine)
ELECTRICIAN, LOCOMOTIVE (loco. & car bldg. & rep.)

825.281 Con. ELECTRIC-TRACK-SWITCH MAINTAINER (r.r. trans.)
ELEVATOR EXAMINER-AND-ADJUSTER (any ind.)
EXPERIMENTAL-ROCKET-SLED MECHANIC (aircraft mfg.)

825.381 AIRCRAFT MECHANIC, ELECTRICAL AND RADIO (aircraft mfg.)
AUTOMATIC-WINDOW-SEAT-AND-TOP-LIFT REPAIRMAN (auto. ser.)
CONTROLLED REPAIRMAN (loco. & car bldg. & rep.)
ELECTRICAL AND RADIO MOCK-UP MAN (aircraft mfg.)
ELECTRICAL INSPECTOR (aircraft mfg.)
RADIO-AND-ELECTRICAL INSPECTOR (aircraft mfg.; air trans.)
ELECTRICIAN (ship & boat bldg. & rep.)
ELECTRICIAN, AIRPLANE (air trans.)
ELECTRICIAN APPRENTICE (ship & boat bldg. & rep.)
ELEVATOR CONSTRUCTOR (const.)

826. **Industrial Apparatus Assembly, Installation, and Repair, n.e.c.**

826.281 FIELD-SERVICE ENGINEER (photo. apparatus)

826.381 ASSEMBLER, ELECTRONIC HEATER (elec. equip.)
CONTROL-CABINET ASSEMBLER (elec. equip.)
WELDING-MACHINE ASSEMBLER (elec. equip.)

827. **Large Household Appliance and Similar Commercial and Industrial Equipment Assembly, Installation, and Repair**

827.281 COFFEE-MAKER SERVICEMAN (any ind.)
ELECTRICAL-APPLIANCE SERVICEMAN (any ind.)
ELECTRICAL-APPLIANCE-SERVICEMAN APPRENTICE (any ind.)
HOUSEHOLD-APPLIANCE REPAIRMAN (any ind.)

827.381 AIR-CONDITIONING-UNIT TESTER (refrigerat. equip.)
CONTROL-PANEL ASSEMBLER (elec. equip.)
HOUSEHOLD-APPLIANCE-INSTALLATION MAN (any ind.)
REFRIGERATION MECHANIC (refrigerat. equip.)
VIBRATOR-EQUIPMENT TESTER (mach. mfg.)
WIND-TUNNEL MAINTENANCE MAN (aircraft mfg.)

828. **Electrical and Electronic Product Fabrication, Installation, and Repair, n.e.c.**

828.281 ELECTRONICS MECHANIC (any ind.)
COMPONENT INSPECTION TECHNICIAN (electronics)
CUSTOMER ENGINEERING SPECIALIST (office mach.)
ELECTRIC-ORGAN TECHNICIAN (any ind.)
RADIOACTIVITY-INSTRUMENT-MAINTENANCE TECHNICIAN (petrol. production)
ELECTRONICS MECHANIC APPRENTICE (any ind.)

829. **Assembly, Installation, and Repair of Electrical Products, n.e.c.**

829.281 AUTOMATIC-DOOR SERVICEMAN (const.)
DENTAL-EQUIPMENT INSTALLER AND SERVICEMAN (whole. tr.)
ELECTRICAL REPAIRMAN (any ind.)
COMPLAINT INSPECTOR (light, heat, & power)
UNDERGROUND REPAIRMAN (light, heat, & power)
WATCHMAN ELECTRICIAN (tel. & tel.)
WIREMAN MAINTENANCE (light, heat, & power)
ELEVATOR REPAIRMAN (any ind.)
ELEVATOR REPAIRMAN APPRENTICE (any ind.)
FIELD ENGINEER.(electronics)
PINSETTER MECHANIC, AUTOMATIC (any ind.)
SOUND TECHNICIAN (any ind.)

829.381 CABLE SPLICER (const.; light, heat, & power; tel. & tel.)
CABLE SPLICER APPRENTICE (const.; light, heat, & power; tel. & tel.)
CIRCULATING PROCESS INSPECTOR (elec. equip.)
EQUIPMENT INSTALLER (any ind.)
ORGAN TUNER, ELECTRONIC (any ind.)
PRECISION ASSEMBLER (aircraft mfg.; electronics)

84 **PAINTING, PLASTERING, WATERPROOFING, CEMENTING, AND RELATED WORK**

840. **Construction and Maintenance Painting and Related Work**

840.381 PAINTER, STAGE SETTINGS (motion pic.)
842. **Plastering and Related Work**
842.381 LATHER APPRENTICE (const.)
STUCCO MASON (const.)
845. **Transportation Equipment Painting and Related Work**
845.381 RAILROAD-CAR LETTERER (r.r. trans.)
85 **EXCAVATING, GRADING, PAVING, AND RELATED WORK**
859. **Excavating, Grading, Paving, and Related Work, n.e.c.**
859.281 BLASTER (any ind.)
SHOOTER, WATER WELL (const.)
86 **CONSTRUCTION WORK, N.E.C.**
860. **Carpentry and Related Work**
860.281 CARPENTER INSPECTOR (any ind.)
CARPENTER, MAINTENANCE (any ind.)
CARPENTER, SHIP'S (water trans.)
CARPENTER, STREETCAR (loco. & car bldg. & rep.)
860.381 BOATBUILDER APPRENTICE, WOOD (ship & boat bldg. & rep.)
BOATBUILDER, WOOD (ship & boat bldg. & rep.)
CARPENTER (const.)
ACOUSTICAL CARPENTER (const.)
BUILDING-INSULATING CARPENTER (const.; ret. tr.)
CARPENTER APPRENTICE (const.)
CARPENTER, BRIDGE (r.r. trans.)
FORM BUILDER (const.)
FORM SETTER, WOOD FORMS (const.)
JOINER (ship & boat bldg. & rep.)
JOINER APPRENTICE (ship & boat bldg. & rep.)
SHIPWRIGHT (ship & boat bldg. & rep.)
SHIPWRIGHT APPRENTICE (ship & boat bldg. & rep.)
TANK BUILDER AND ERECTOR (const.)
TANK ERECTOR (const.)
861. **Brick and Stone Masonry and Tile Setting**
861.381 BRICKLAYER (brick & tile)
BRICKLAYER (const.)
BRICKLAYER, REFRACTORY BRICK (any ind.)
BRICKLAYER, SEWER (const.)
CHIMNEY BUILDER, BRICK (const.)
SILO ERECTOR (const.)
BRICKLAYER APPRENTICE (const.)
BRICKLAYER, FIREBRICK (any ind.)
FIREBRICK AND REFRACTORY REPAIRMAN (const.)
MARBLE SETTER (const.)
MONUMENT SETTER (const.)
862. **Plumbing, Gas Fitting, Steam Fitting, and Related Work**
862.281 COPPERSMITH (ship & boat bldg. & rep.)
COPPERSMITH APPRENTICE (ship & boat bldg. & rep.)
OIL-BURNER INSTALLATION-AND-SERVICEMAN (any ind.)
PIPE FITTER (ship & boat bldg. & rep.)
862.381 AIRCRAFT MECHANIC, PLUMBING AND HYDRAULICS (aircraft mfg.)
FURNACEMAN (light, heat, & power)
GAS-MAIN FITTER (light, heat, & power)
INDUSTRIAL-GAS FITTER (light, heat, & power)
PIPE FITTER (const.) I
AIRDOX MAN (mining & quarrying)
FREIGHT-AIR-BRAKE FITTER (loco. & car bldg. & rep.)
INSTRUMENT FITTER (const.)
MAINTENANCE MAN, SEWER-AND-WATERWORKS (const.)
PIPE FITTER, MAINTENANCE (any ind.)
PIPE FITTER, SPRINKLER SYSTEMS (const.)
PIPE FITTER, WELDING (const.)
PNEUMATIC-TUBE FITTER (const.)
PIPE-FITTER APPRENTICE (const.)
PIPE-FITTER APPRENTICE, SPRINKLER SYSTEMS (const.)
PIPE FITTER, DIESEL ENGINE (engine & turbine)
PIPE FITTER, TURBINE (engine & turbine)
862.381 PLUMBER (const.)
Con. PLUMBER, MAINTENANCE (any ind.)
PLUMBER APPRENTICE (const.)
STEAM SERVICEMAN (light, heat, & power)
THREAD INSPECTOR (petrol. production)
863. **Asbestos and Insulation Work**
863.381 PIPE COVERER AND INSULATOR (ship & boat bldg. & rep.)
865. **Glass Setting and Related Work**
865.381 JOINER (glass prod.)
866. **Roofing and Related Work**
866.381 ROOFER (const.)
ROOFER APPRENTICE (const.)
869. **Miscellaneous Construction Work, n.e.c.**
869.281 FURNACE INSTALLER-AND-REPAIRMAN, HOT AIR (any ind.)
HOUSE BUILDER (const.)
HOUSE MOVER (const.)
MECHANICAL TEST TECHNICIAN (inst. & app.)
YARD INSPECTOR (ship & boat bldg. & rep.)
869.381 CONDUIT MECHANIC (const.; light, heat & power)
HOUSE REPAIRMAN (const.)
REPAIRMAN (light, heat, & power)
SIGN ERECTOR (signs) I
89 **STRUCTURAL WORK, N.E.C.**
899. **Miscellaneous Structural Work, n.e.c.**
899.281 CANAL-EQUIPMENT MECHANIC (waterworks)
DIVER (any ind.)
MAINTENANCE MAN, FACTORY OR MILL (any ind.)
899.381 MAINTENANCE MAN, BUILDING (any ind.)
91 **TRANSPORTATION WORK, N.E.C.**
910. **Railroad Transportation.**
910.281 EMERGENCY MAN (r.r. trans.)
RAIL-FLAW-DETECTOR OPERATOR (r.r. trans.)
914. **Pumping and Pipeline Transportation**
914.381 GAGER (petrol. production; petrol. refin.; pipe lines)
93 **EXTRACTION OF MINERALS**
930. **Boring, Drilling, Cutting, and Related Work**
930.281 CEMENTER, OIL WELL (petrol. production)
FISHING-TOOL TECHNICIAN, OIL WELL (petrol. production)
FORMATION-TESTING OPERATOR (petrol. production)
930.381 SERVICE-UNIT OPERATOR, OIL WELL (petrol. production)
931. **Blasting**
931.281 BLASTER (mining & quarrying)
SHOOTER (petrol. production)
SHOOTER, SEISMOGRAPH (petrol. production)
939. **Extraction of Minerals, n.e.c.**
939.281 MINER (mining & quarrying) I
ROCK CONTRACTOR (mining & quarrying)
939.381 TIMBERMAN (mining & quarrying) I
95 **PRODUCTION AND DISTRIBUTION OF UTILITIES**
952. **Generation, Transmission, and Distribution of Electric Light and Power**
952.281 SUBSTATION INSPECTOR (light, heat, & power)
953. **Production and Distribution of Gas**
953.281 FIELD-MECHANICAL-METER TESTER (light, heat, & power; petrol. refin.; pipe lines)
959. **Production and Distribution of Utilities, n.e.c.**
959.381 COMPLAINT MAN (light, heat, & power)
96 **AMUSEMENT, RECREATION, AND MOTION PICTURE WORK, N.E.C.**
962. **Motion Picture Production, n.e.c.**
962.281 SPECIAL-EFFECTS MAN (motion pic.)
962.381 LIGHT TECHNICIAN (radio & tv broad.)
SET ELECTRICIAN, CHIEF, ASSISTANT (motion pic.)
964. **Theatrical and Related Entertainment Production, n.e.c.**
964.281 SIGHT-EFFECTS MAN (amuse. & rec.)
964.381 SPOTLIGHT OPERATOR (amuse. & rec.)
969. **Miscellaneous Amusement, Recreation, and Motion Picture Work, n.e.c.**
969.281 PROP MAKER (amuse. & rec.; motion pic.)
97 **GRAPHIC ART WORK**
970. **Art Work, Brush, Spray, or Pen**
970.281 AIRBRUSH ARTIST (profess. & kin.)
DELINEATOR (profess. & kin.) I
FORM DESIGNER (print. & pub.)
PAINTER, PLATE (print. & pub.)
PHOTOGRAPH RETOUCHER (any ind.)
970.381 BEN-DAY ARTIST (print. & pub.)
COLORIST, PHOTOGRAPHY (any ind.)
ENGROSSER (profess. & kin.)
INKER AND OPAQUER (motion pic.)
LAY-OUT MAN (signs) II
LETTERER (profess. & kin.)
MUSIC GRAPHER (print. & pub.)
PAINTER, ANIMATED CARTOONS (motion pic.)
PAINTER, HAND (any ind.) I
PAINTER, SIGN (any ind.)
PAINTER, SIGN, MAINTENANCE (r.r. trans.)
STENCIL CUTTER (loco. & car bldg. & rep.)
REPEAT CHIEF (print. & pub.)
RETOUCHER, PHOTOENGRAVING (print. & pub.)
SKETCH MAKER, PHOTOENGRAVING (print. & pub.)
971. **Photoengraving**
971.281 ETCHER, HAND (print. & pub.)
LITHOGRAPHER (bal. & scales)
971.381 ETCHER APPRENTICE, PHOTOENGRAVING (print. & pub.)
PHOTOENGRAVER (print. & pub.) I
ETCHER, PHOTOENGRAVING (print. & pub.)
STRIPPER (print. & pub.)
PHOTOENGRAVER APPRENTICE (print. & pub.)
PHOTOENGRAVING FINISHER (print. & pub.)
PHOTOENGRAVING PRINTER (print. & pub.)
PHOTOENGRAVING PROOFER (print. & pub.)
PHOTOENGRAVING-PROOFER APPRENTICE (print. & pub.)
SCREEN MAKER, PHOTOGRAPHIC PROCESS (any ind.)
STRIPPER APPRENTICE (print. & pub.)
972. **Lithography and Related Work**
972.281 PROCESS ARTIST (print. & pub.)
PROCESS-ARTIST APPRENTICE (print. & pub.)
972.381 SKETCH MAKER (print. & pub.)
TRANSFERRER (print. & pub.) I
TRANSFERRER APPRENTICE (print. & pub.)
TRANSFERRER APPRENTICE, HAND (print. & pub.)
TRANSFERRER, HAND (print. & pub.)
973. **Hand Composition, Typesetting, and Related Work**
973.381 COMPOSITOR (print. & pub.)
COMPOSITOR APPRENTICE (print & pub.)
CORRECTION MAN (print. & pub.)
IMPOSER (print. & pub.)
JOB PRINTER (print. & pub.)
JOB-PRINTER APPRENTICE (print. & pub.)
MAKE-UP MAN (print. & pub.)
974. **Electrotyping and Related Work**
974.381 ELECTROTYPER (print. & pub.)
ELECTROTYPER APPRENTICE (print. & pub.)
976. **Darkroom Work, n.e.c.**
976.381 DEVELOPER (any ind.)
PROJECTION PRINTER (any ind.)
REPRODUCTION TECHNICIAN (any ind.)
TIMER (motion pic.)
979. **Graphic Art Work, n.e.c.**
979.281 DIE-MAKER (print. & pub.)
ENGRAVER, BLOCK (print. & pub.)
979.381 COPY CAMERAMAN (any ind.)
DOCUMENT RESTORER (profess. & kin.)
LETTERER (type founding)
LINE-UP MAN (print. & pub.)
MUSIC ENGRAVER (print. & pub.)
PASTE-UP MAN (print. & pub.)
PASTE-UP-MAN APPRENTICE (print. & pub.)
SIDEROGRAPHER (print. & pub.)
SILK-SCREEN CUTTER (any ind.)
SILK-SCREEN MAKER (glass mfg.)
STENCIL MAKER (fiber rugs)

PRECISION WORKING

.781

Work Performed

Work activities in this group primarily involve working with the hands, handtools, or work aids according to prescribed standards. Although the techniques and procedures are established, the responsibility for achievement of the ultimate goal rests with the individual worker, and considerable judgment must be exercised in adjusting the established techniques to the task at hand.

Worker Requirements

An occupationally significant combination of: An interest in working with the hands; manual and finger dexterity; eye-hand coordination; the ability to perceive small differences in things and objects and spatial relationships; and the ability to work to prescribed tolerances and rigid standards.

Clues for Relating Applicants and Requirements

Success in craft courses in school.

Hobby of making scale models of objects.

Training and Methods of Entry

Intensive on-the-job training in required techniques and methods is the most common way of entering this field. Apprenticeship programs and work experience in jobs of lesser complexity are also common stepping stones.

RELATED CLASSIFICATIONS

Manipulating (.884) p. 322
Craftsmanship and Related Work (.281; .381) p. 312

QUALIFICATIONS PROFILE

GED: 3
SVP: 7 6 5

Apt:	GVN	SPQ	KFM	EC
	3 4 4	3 3 4	3 3 3	5 5
	4 3	2 2	2 2 2	3
		4		

Int: 1 9 0
Temp: Y 0 9 1
Phys. Dem: S L M H 3 4 6

31 **FOOD AND BEVERAGE PREPARATION AND SERVICE**
313. **Cooking, Large Hotels and Restaurants**
313.781 BAKER(hotel & rest.)
GARDE MANGER (hotel & rest.)
ICE-CREAM MAN (hotel & rest.)
PIE MAKER (hotel & rest.) I
314. **Cooking, Small Hotels and Restaurants**
314.781 COOK, SPECIALTY (hotel & rest.)
316. **Meatcutting, Except in Slaughtering and Packing Houses**
316.781 BUTCHER, MEAT (hotel & rest.)
CARVER (hotel & rest.)
36 **APPAREL AND FURNISHINGS SERVICES**
363. **Pressing Service**
363.781 SILK FINISHER (clean., dye., & press.)
364. **Dyeing and Related Services**
364.781 DYER (clean., dye., & press.)
38 **BUILDING AND RELATED SERVICES**
389. **Building and Related Services, n.e.c.**
389.781 TERMITE TREATER (bus. ser.)
45 **HUNTING, TRAPPING, AND RELATED SERVICES**
451. **Hunting and Trapping**
451.781 PREDATORY-ANIMAL HUNTER (hunt. & trap.)
TRAPPER (hunt. & trap.)
BIRD TRAPPER (hunt. & trap.)
46 **AGRICULTURAL SERVICES**
465. **Blight and Pest Control and Bindweed Eradication**
465.781 WEED INSPECTOR (agric.)
50 **METAL PROCESSING**
500. **Electroplating**
500.781 CYLINDER GRINDER (print. & pub.)
52 **PROCESSING, FOOD AND RELATED PRODUCTS**
525. **Slaughtering, Breaking, Curing, and Related Work**
525.781 SHACTOR (slaught. & meat pack.)
526. **Cooking and Baking, n.e.c.**
526.781 BAKER (bake. prod.)
BAKER APPRENTICE (bake. prod.)
57 **PROCESSING, NONMETALLIC MINERALS AND RELATED PRODUCTS**
575. **Forming**
575.781 CONCRETE-STONE FABRICATOR (conc. prod.)
FOOT CASTER (glass mfg.)
GLASS BLOWER (glass mfg.)
58 **PROCESSING, LEATHER AND TEXTILES**
589. **Processing, Leather and Textiles, n.e.c.**
589.781 FUR DRESSER (fur dressing)
62 63 **MECHANICAL REPAIRING**
621. **Aircraft Repairing**
621.781 MECHANIC AIRCRAFT ACCESSORIES (aircraft mfg.)
624. **Farm Machinery Repairing**
624.781 ASSEMBLY REPAIRMAN (agric. equip.)
626. **Metalworking Machinery Repairing**
626.781 CASE-FINISHING-MACHINE ADJUSTER (ammunition)
629. **Special Industry Machinery Repairing**
629.781 FOILING-MACHINE ADJUSTER (ammunition)
630. **General Industry Machinery Repairing**
630.781 FUEL-SYSTEM-MAINTENANCE MAN (air trans.)
632. **Ordnance and Accessory Repairing**
632.781 GUN SYNCHRONIZER (firearms)
638. **Miscellaneous Machine Installation and Repairing**
638.781 MACHINE ASSEMBLER (mach. mfg.)
639. **Mechanical Repairing, n.e.c.**
639.781 TOOL DRESSER (petrol. production)
65 **PRINTING**
659. **Printing, n.e.c.**
659.781 DIE MOUNTER (paper goods)
68 **TEXTILE MACHINE WORK**
683. **Weaving and Related Work**
683.781 CHAIN BUILDER, LOOM CONTROL (textile)
685. **Knitting, Except Hosiery**
685.781 JACQUARD-PLATE-MAKER (knit goods)
70 **FABRICATION, ASSEMBLY, AND REPAIR OF METAL PRODUCTS, N.E.C.**
700. **Fabrication, Assembly, and Repair of Jewelry, Silverware, and Related Products**
700.781 HAMMERSMITH (silverware)
SAMPLE MAKER (jewelry) I
SOLDERER (jewelry)
701. **Fabrication, Assembly, and Repair of Tools and Related Products**
701.781 REPAIRMAN, HANDTOOLS (cut. tools)
705. **Filing, Grinding, Buffing, Cleaning, and Polishing, n.e.c.**
705.781 DIE BARBER (mach. shop)
FILER, FINISH (firearms)
LAPPER, HAND, TOOL (mach. shop)
706. **Metal Unit Assembling and Adjusting, n.e.c.**
706.781 ASSEMBLER (mach. mfg.)
INTERNAL-COMBUSTION-ENGINE SUBASSEMBLER (engine & turbine)
PRECISION ASSEMBLER, BENCH (aircraft mfg.)
WHEELWRIGHT (auto. ser.)
709. **Fabrication, Assembly, and Repair of Metal Products, n.e.c.**
709.781 MODEL BUILDER (furn.)
MOLD STAMPER AND REPAIRMAN (rubber tire & tube)
ORGAN-PIPE MAKER, METAL (musical inst.)
PROPELLANT LOADER (aircraft mfg.)
WEAVER, BENCH LOOM (wirework)
71 **FABRICATION AND REPAIR OF SCIENTIFIC AND MEDICAL APPARATUS, PHOTOGRAPHIC AND OPTICAL GOODS, WATCHES AND CLOCKS, AND RELATED PRODUCTS**
710. **Fabrication and Repair of Instruments for Measuring, Controlling, and Indicating Physical Characteristics**
710.781 CALIBRATOR (elec. equip.)
GAS-GOVERNOR REPAIRMAN (light, heat, & power; petrol. refin.; pipe lines)
STEAM METERMAN (light, heat, & power)
THERMOSTAT REPAIRMAN (inst. & app.)
711. **Fabrication and Repair of Optical Instruments and Lenses**
711.781 BEVELER (optical goods)
CUTTER AND WEIGHER (optical goods)
LENS GRINDER (optical goods) I
MULTIFOCAL-BUTTON GRINDER (optical goods)
OPTICAL-ELEMENT COATER (optical goods)
PRECISION-LENS POLISHER (optical goods)
712. **Fabrication and Repair of Surgical, Medical, and Dental Instruments and Supplies**
712.781 ARCH-SUPPORT TECHNICIAN (surgical appl.)
DENTAL CERAMIST ASSISTANT (medical ser.)
LEATHER WORKER (surgical appl.)
ORTHODONTIC GOLD-BAND MAKER (medical ser.)
713. **Fabrication and Repair of Ophthalmic Goods**
713.781 LATHE OPERATOR, CONTACT LENS (optical goods)
LENS BLOCKER AND CUTTER (optical goods)
SURFACER (optical goods) I
ZYL MOUNTER (optical goods)
715. **Fabrication and Repair of Watches, Clocks, and Parts**
715.781 BANKING ADJUSTER (clock & watch)
BARREL ASSEMBLER (clock & watch)
BARREL-BRIDGE ASSEMBLER (clock & watch)
CHRONOMETER ASSEMBLER (clock & watch)
CHRONOMETER-BALANCE-AND-HAIRSPRING ASSEMBLER (clock & watch)
DAMASCENER (clock & watch)
DIAL MAKER (clock & watch)
HAIRSPRING ASSEMBLER (clock & watch)
PALLET-STONE INSERTER (clock & watch)
PALLET-STONE POSITIONER (clock & watch)
PEARLER (clock & watch) I
POLISHER (clock & watch)
POLISHER, GOLD WHEEL (clock & watch)
RAYER (clock & watch)
SCREWHEAD POLISHER (clock & watch) II
TOOTH POLISHER (clock & watch)
TRAINER (clock & watch)
UNDERTURNER (clock & watch)
719. **Fabrication and Repair of Scientific and Medical Apparatus, Photographic and Optical Goods, Watches and Clocks, and Related Products, n.e.c.**
719.781 TUBE-SHRINKING-MACHINE OPERATOR (inst. & app.)
72 **ASSEMBLY AND REPAIR OF ELECTRICAL EQUIPMENT**
724. **Winding and Assembly of Coils, Magnets, Armatures, and Related Products**
724.781 COIL WINDER (elec. equip.) I
COIL WINDER, REPAIR (any ind.)
724.781 Con. TRANSFORMER-COIL WINDER (light, heat, & power)
TRANSFORMER MAN (elec. equip.)
WIRE COILER (elec. equip.)
726. **Assembly and Repair of Electronic Components and Accessories, n.e.c.**
726.781 ELECTRONICS ASSEMBLER (electronics)
727. **Storage Battery Assembly**
727.781 BATTERY RECHARGER (elec. equip.)
73 **FABRICATION AND REPAIR OF PRODUCTS MADE FROM ASSORTED MATERIALS**
730. **Fabrication and Repair of Musical Instruments and Parts**
730.781 BELLYMAN (musical inst.)
MOUTHPIECE MAKER (musical inst.)
PIANO-ACTION REGULATOR (musical inst.)
PISTON MAKER (musical inst.)
TROMBONE-SLIDE ASSEMBLER (musical inst.)
735. **Fabrication and Repair of Jewelry, n.e.c.**
735.781 BRACELET AND BROOCH MAKER (jewelry)
736. **Fabrication and Repair of Ordnance and Accessories**
736.781 FITTER, VENTILATED RIB (firearms)
SIGHT MOUNTER (firearms)
TARGETEER (firearms)
739. **Fabrication and Repair of Products Made from Assorted Materials, n.e.c.**
739.781 CASKET ASSEMBLER (mort. goods)
FABRICATOR, SHOWER DOORS AND PANELS (struct. & ornam. metalwork)
FIGURE-REFINISHER AND REPAIRER (ret. tr.)
MANNEQUIN WIG MAKER (hairwork)
WIG MAKER (hairwork)
74 **PAINTING, DECORATING, AND RELATED WORK**
749. **Painting, Decorating, and Related Work, n.e.c.**
749.781 GILDER (any ind.) I
75 **FABRICATION AND REPAIR OF PLASTICS, SYSTHETICS, RUBBER, AND RELATED PRODUCTS**
750. **Fabrication and Repair of Tires, Tubes, Tire Treads, and Related Products**
750.781 GREEN-TIRE REPAIRMAN (rubber tire & tube)
TIRE REPAIRER (rubber tire & tube)
752. **Fitting, Shaping, Cementing, Finishing, and Related Work, n.e.c.**
752.781 BELT BUILDER (rubber goods)
HOSE MAKER (rubber goods)
SELF-SEALING-FUEL-TANK BUILDER (rubber goods)
76 **FABRICATION AND REPAIR OF WOOD PRODUCTS**
761. **Laying Out, Cutting, Carving, Shaping, and Sanding, n.e.c.**
761.781 MARQUETRY WORKER (furn.)
SKI MAKER, MACHINE (sports equip.)
769. **Fabrication and Repair of Wood Products, n.e.c.**
769.781 MOLD MAKER (brick & tile; conc. prod.)
77 **FABRICATION AND REPAIR OF SAND, STONE, CLAY, AND GLASS PRODUCTS**
770. **Fabrication and Repair of Jewelry, Ornaments, and Related Products**
770.781 DIAMOND CLEAVER (jewelry)
DIAMOND-DIE POLISHER (clock & watch; wire)
DIAMOND DRILLER (clock & watch; jewelry)
FINISHER, FINE-DIAMOND DIES (jewelry)
JEWEL BLOCKER AND SAWYER (clock & watch)
LATHE OPERATOR (jewelry)
OLIVING-MACHINE OPERATOR (clock & watch)
PHONOGRAPH-NEEDLE-TIP MAKER (phonograph)
SAPPHIRE-STYLUS GRINDER (phonograph)
777. **Modelmaking, Patternmaking, Moldmaking, and Related Work**
777.781 MOLD MAKER (jewelry) II
MOLD MAKER (pottery & porc.)
779. **Fabrication and Repair of Sand, Stone, Clay, and Glass Products, n.e.c.**
779.781 MOSAIC WORKER (glass prod.; stat. & art goods)
78 **FABRICATION AND REPAIR OF TEXTILE, LEATHER, AND RELATED PRODUCTS**
780. **Upholstering and Mattress and Bedspring Fabrication and Repair**
780.781 HEARSE UPHOLSTERER (auto. mfg.)
PAD HAND (leather prod.)

781. **Laying Out, Marking, Cutting, and Punching, n.e.c.**
781.781 LEATHER STAMPER (leather prod.)
782. **Handsewing, Mending, Embroidering, Knitting, and Related Work, n.e.c.**
782.781 HAT TRIMMER (clean., dye., & press.)
LINING FINISHER (clean., dye., & press.)
PATCHER (per. ser.)
RUG REPAIRER (clean., dye., & press.)
WEAVER, HAND (per. ser.)
783. **Fur Working**
783.781 FUR CUTTER (fur goods)
784. **Fabrication and Repair of Hats, Caps, Gloves, and Related Products**
784.781 HAT MAKER (hat & cap) I
789. **Fabrication and Repair of Textile, Leather, and Related Products, n.e.c.**
789.781 BEADWORKER (fabric. prod., n.e.c.)
COLLAR MAKER (leather prod.)
HARNESS MAKER (leather prod.)
LUGGAGE MAKER (leather prod.)
SADDLE MAKER (leather prod.)
80 **METAL FABRICATING, N.E.C.**
801. **Fitting, Bolting, Screwing, and Related Work**
801.781 STRUCTURAL-STEEL WORKER (const.)
805. **Boilermaking and Related Work**
805.781 BOILERMAKER MECHANIC (boilermaking)
806. **Transportation Equipment Assembling and Related Work**
806.781 ASSEMBLER-INSTALLER APPRENTICE, GENERAL (aircraft mfg.)
ASSEMBLER-INSTALLER, GENERAL (aircraft mfg.)
BENCH MECHANIC, STEEL WELD (aircraft mfg.)
INTERNAL-COMBUSTION-ENGINE ASSEMBLER (engine & turbine)
ASSEMBLER, SHOW MOTOR (engine & turbine)
TRAILER ASSEMBLER (auto. mfg.)
807. **Body Work, Transportation Equipment**
807.781 ASSEMBLER, ALUMINUM BOATS (ship & boat bldg. & rep.)
FRAME REPAIRMAN (motor. & bicycles)
809. **Miscellaneous Metal Fabricating, n.e.c.**
809.781 LAY-OUT MAN (any ind.) II
PNEUMATIC-TOOL OPERATOR (ship & boat bldg. & rep.)
81 **WELDING, FLAME CUTTING, AND RELATED WORK**
819. **Welding, Flame Cutting, and Related Work, n.e.c.**
819.781 FIT-UP MAN (mach. mfg.)
82 **ELECTRICAL ASSEMBLING, INSTALLING, AND REPAIRING**
820. **Generator, Motor, and Related Power Plant Equipment Assembly, Installation, and Repair**
820.781 DYNAMO MAN (light, heat, & power)
REGULAR INSPECTOR (light, heat, & power)
823. **Electronic Communication, Detection, and Signaling Equipment Assembly, Installation, and Repair**
823.781 TELEVISION-INSTALLATION MAN (any ind.)
824. **Lighting Equipment and Building Wiring Assembly, Installation, and Repair, n.e.c.**
824.781 AIRPORT ELECTRICIAN (air trans.)
825. **Transportation and Materials Handling Equipment Assembly, Installation, and Repair, n.e.c.**
825.781 THIRD RAILMAN (r.r. trans.)
84 **PAINTING, PLASTERING, WATERPROOFING, CEMENTING, AND RELATED WORK**
840. **Construction and Maintenance Painting and Related Work**
840.781 PAINTER (const.)
PAINTER APPRENTICE, SHIPYARD (ship & boat bldg. & rep.)
PAINTER, SHIPYARD (ship & boat bldg. & rep.)
841. **Paperhanging**
841.781 PAINTER-AND-DECORATOR APPRENTICE (const.)
PAPERHANGER (const.)
842. **Plastering and Related Work**
842.781 LATHER (const.)
PLASTERER (const.)
PLASTERER APPRENTICE (const.)
PLASTERER, MOLDING (conc. prod.; const.)
844. **Cement and Concrete Finishing and Related Work**
844.781 CONCRETE-STONE FINISHER (conc. prod.)
845. **Transportation Equipment Painting and Related Work**
845.781 PAINTER, AIRCRAFT (aircraft mfg.; air trans.)
PAINTER APPRENTICE, AUTOMOBILE (auto. ser.)
PAINTER, AUTOMOBILE (auto. ser.)
849. **Painting, Plastering, Waterproofing, Cementing and Related Work, n.e.c.**
849.781 DOPE-AND-FABRIC MAN (aircraft mfg.; air trans.)
85 **EXCAVATING, GRADING, PAVING, AND RELATED WORK**
850. **Excavating, Grading, and Related Work**
850.781 MINER (const.)
86 **CONSTRUCTION WORK, N.E.C.**
860. **Carpentry and Related Work**
860.781 BILLBOARD ERECTOR-AND-REPAIRMAN (const.)
CARPENTER, ROUGH (const.)
861. **Brick and Stone Masonry and Tile Setting**
861.781 PERMASTONE MAN (const.)
SOFT-TILE SETTER (const.; ret. tr.)
STONEMASON (const.)
STONE SETTER (const.)
STONEMASON APPRENTICE (const.)
861.781 TERRAZZO WORKER (const.)
Con. TERRAZZO-WORKER APPRENTICE (const.)
TILE-CONDUIT LAYER (const.)
TILE SETTER (const.)
TILE-SETTER APPRENTICE (const.)
863. **Asbestos and Insulation Work**
863.781 CORK INSULATOR, INTERIOR SURFACE (const.)
INSULATION-BLANKET MAKER (pipe & boiler cov.)
864. **Floor Laying and Finishing Work**
864.781 FLOOR LAYER (const.; ret. tr.)
FLOOR-LAYER APPRENTICE (const.)
865. **Glass Setting and Related Work**
865.781 GLAZIER (const.)
GLAZIER APPRENTICE (const.)
869. **Miscellaneous Construction Work, n.e.c.**
869.781 AWNING MAKER AND INSTALLER (ret. tr.; window shade & fix.)
HYDRAULIC-JACK ADJUSTER (const.)
LABORATORY-EQUIPMENT INSTALLER (const.)
PIPEMAN (light, heat, & power) I
SAFE-AND-VAULT SERVICEMAN (bus. ser.; whole. tr.)
STEEPLE JACK (const.)
CHIMNEY REPAIRMAN (const.)
93 **EXTRACTION OF MINERALS**
931. **Blasting**
931.781 SERVICEMAN, OIL WELL (petrol. production)
94 **LOGGING**
949. **Logging, n.e.c.**
949.781 HIGH CLIMBER (logging)
95 **PRODUCTION AND DISTRIBUTION OF UTILITIES**
952. **Generation, Transmission, and Distribution of Electric Light and Power,**
952.781 SWITCH INSPECTOR (light, heat, & power)
96 **AMUSEMENT, RECREATION, AND MOTION PICTURE WORK, N.E.C.**
962. **Motion Picture Production, n.e.c.**
962.781 DRAPER (motion pic.)
964. **Theatrical and Related Entertainment Production, n.e.c.**
964.781 LAMP OPERATOR (amuse. & rec.)
97 **GRAPHIC ART WORK**
970. **Art Work, Brush, Spray, or Pen**
970.781 SPOTTER, PHOTOGRAPHIC (any ind.)
972. **Lithography and Related Work**
972.781 TRANSFERRER (print. & pub.) II
977. **Bookbinding and Related Work**
977.781 BOOKBINDER, HAND (print. & pub.)
979. **Graphic Art Work, n.e.c.**
979.781 ENGRAVER (print. & pub.) I
ENGRAVER, RUBBER (print. & pub.)
SKETCH MAKER (any ind.)

MANIPULATING

.884

Work Performed

Work activities in this group primarily involve the dextrous use of hands, handtools, or special devices to work, move, guide, or place objects or materials. There exists some latitude for judgment in selecting the appropriate tools, objects, or materials, and in determining work procedures and conformance to standards, although all these factors are fairly obvious. The work most frequently occurs away from a machine-oriented environment, and is prevalent in such endeavors as bench crafts, structural work, and hunting and fishing.

Worker Requirements

An occupationally significant combination of: Eye-hand coordination; manual and finger dexterity; spatial and form perception; a decided preference for working with the hands; the ability to work within prescribed standards and specifications; and facility in adapting to a routine.

Clues for Relating Applicants and Requirements

Success in craft courses in school.
Hobby of making scale-model boats and airplanes.
Expressed preference for working with the hands.
Hobbies of hunting and fishing.

Training and Methods of Entry

Apprenticeship programs and on-the-job training are the usual means by which a worker becomes familiar with his job. On occasions, experience in a lesser capacity can prepare an applicant for entry into this type of work, provided he has shown diligence and the capacity for more involved tasks.

Individuals with some exposure to disciplined and standardized work methods in a school or related environment will usually be given preference.

RELATED CLASSIFICATIONS

Craftsmanship and Related Work (.281; .381) p. 312
Tending (.885) p. 447
Feeding-Offbearing (.886) p. 356
Handling (.887) p. 360

QUALIFICATIONS PROFILE

GED: 2 3
SVP: 3 4 5 2 6
Apt: **GVN** **SPQ** **KFM** **EC**
3 4 4 4 3 5 3 3 3 5 5
4 5 3 4 4 4 4 4 4 4
3
Int: 9 3 1 0
Temp: 2 Y
Phys. Dem: S L M H 2 3 4 6

20 STENOGRAPHY, TYPING, FILING, AND RELATED WORK
207. **Duplicating-Machine Work**
207.884 DUPLICATING-MACHINE OPERATOR (clerical) I
22 MATERIAL AND PRODUCTION RECORDING
223. **Stock Checking and Related Work**
223.884 SAMPLE WORKER (any ind.)
229. **Material and Production Recording, n.e.c.**
229.884 CHART CHANGER (clerical)
24 MISCELLANEOUS CLERICAL WORK
240. **Collecting**
240.884 PARKING-METER COLLECTOR (gov. ser.)
29 MISCELLANEOUS MERCHANDISING WORK
298. **Display Work**
298.884 ADVERTISING DISPLAY ROTATOR (bus. ser.)
299. **Miscellaneous Merchandising Work, n.e.c.**
299.884 DRAPERY HANGER (ret. tr.)
OPTICIAN, DISPENSING (ret. tr.)
31 FOOD AND BEVERAGE PREPARATION AND SERVICE
313. **Cooking, Large Hotels and Restaurants**
313.884 BAKER HELPER (hotel & rest.)
316. **Meatcutting, Except in Slaughtering and Packing Houses**
316.884 BUTCHER, CHICKEN AND FISH (hotel & rest.)
DELI CUTTER-SLICER (ret. tr.)
MEAT CUTTER (ret. tr.; whole. tr.)
MEAT-CUTTER APPRENTICE (ret. tr.; whole. tr.)
317. **Miscellaneous Food and Beverage Preparation**
317.884 COFFEE MAN (hotel & rest.)
PANTRYMAN (hotel & rest.)
PANTRYMAN (water trans.)
SANDWICH MAN (hotel & rest.)
319. **Food and Beverage Preparation and Service n.e.c.**
319.884 FOOD ASSEMBLER, COMMISSARY KITCHEN (hotel & rest.)
36 APPAREL AND FURNISHINGS SERVICES
361. **Laundering Service**
361.884 LAUNDRYMAN, HAND (laund.)
LAUNDRYMAN (any ind.) I
362. **Dry Cleaning Service**
362.884 DRY CLEANER, HAND (clean., dye., & press.)
FUR CLEANER (clean., dye., & press.)
FUR CLEANER, HAND (clean., dye., & press.)
FURNITURE CLEANER (clean., dye., & press.)
LEATHER CLEANER (clean., dye., & press.)
SPOTTER (laund.)
363. **Pressing Service**
363.884 BLOCKER (clean., dye., & press.)
HAT BLOCKER (clean., dye., & press.)
IRONER, CORONETS (laund.)
PRESSER, HAND (any ind.)
364. **Dyeing and Related Services**
364.884 RUG DYER (clean., dye., & press.) II
SHOE DYER (per. ser.)
SPRAYER, LEATHER (clean., dye., & press.)
365. **Shoe and Luggage Repair and Related Services**
365.884 SHOE-REPAIRMAN HELPER (per. ser.)
369. **Apparel and Furnishings Services, n.e.c.**
369.884 FUR GLAZER (clean., dye., & press.)
HATTER (clean., dye., & press.)
HATTER HELPER (clean., dye., & press.)
LAUNDRY OPERATOR (laund.)
RUG CLEANER, HAND (clean., dye., & press.)
UMBRELLA REPAIRMAN (any ind.)
37 PROTECTIVE SERVICES
373. **Fire Protection Service**
373.884 FIRE FIGHTER (any ind.)
FIRE FIGHTER, CRASH (air trans.)
379. **Protective Services, n.e.c.**
379.884 SKIN DIVER (any ind.)
SMOKE JUMPER (gov. ser.)
38 BUILDING AND RELATED SERVICES
382. **Janitorial Service**
382.884 JANITOR (any ind.) I
389. **Building and Related Services, n.e.c.**
389.884 EXTERMINATOR (any ind.)
40 PLANT FARMING
401. **Grain Farming**
401.884 FARM HAND, GRAIN (agric.) I
FARM HAND, RICE (agric.)
404. **Fruit and Nut Farming**
404.884 FARM HAND, CITRUS FRUIT (agric.) II
TREE PRUNER (agric.)
405 **Crop Specialty Farming**
405.884 BEAN-SPROUT GROWER (agric.)
406. **Horticultural Specialty Work**
406.884 LABORER, NURSERY (agric.)
407. **Gardening and Groundskeeping**
407.884 GROUNDS KEEPER (any ind.)
GROUNDS KEEPER, SPORTS (amuse. & rec.)
409. **Plant Farming, n.e.c.**
409.884 SHARECROPPER (agric.)
TREE-SURGEON HELPER (agric.) I
41 ANIMAL FARMING
411. **Dairy Farming**
411.884 FARM HAND, DAIRY (agric.) I
FARM HAND, DAIRY (agric.) II
412. **Poultry Farming**
412.884 CAPONIZER (agric.)
FARM HAND, POULTRY (agric.)
POULTRY TENDER (agric.)
POULTRY VACCINATOR (agric.)
413. **Livestock Farming**
413.884 COW PUNCHER (agric.)
DRENCHER (agric.)
FARM HAND, LIVESTOCK (agric.)
HAZER (agric.)
LAMBER (agric.)
RANCH HAND (agric.)
419. **Animal Farming, n.e.c.**
419.884 ANIMAL CARETAKER (agric.)
FARM HAND, ANIMAL (agric.)
FARM HAND, FOX FARM (agric.)
GAME-FARM HELPER (hunt. & trap.)
HORSE BREAKER, DRAFT (agric.)
HORSE BREAKER, SADDLE (agric.)
42 MISCELLANEOUS FARMING AND RELATED WORK
421. **General Farming**
421.884 CARETAKER, FARM (agric.)
422. **Farm Irrigation**
422.884 IRRIGATOR, VALVE PIPE (agric.)
43 FISHERY AND RELATED WORK
431. **Net, Seine, and Trap Fishing**
431.884 FISHERMAN, HOOP NET (fish.)
FISHERMAN, NET (fish.)
FISHERMAN, DIVER NET (fish.)
FISHERMAN, HAUL, DRAG, OR BEACH SEINE (fish.)
FISHERMAN, LAMPARA NET (fish.)
FISHERMAN, POUND NET OR TRAP (fish.)
FISHERMAN, PURSE SEINE (fish.)
FISHERMAN, REEF NET (fish.)
FISHERMAN, SQUAW NET (fish.)
FISHERMAN, TRAMMEL NET (fish.)
FISHERMAN, TRAWL NET (fish.)
FISHERMAN, POT (fish.)
FISHERMAN, TERRAPIN (fish.)
FISHERMAN, WEIR (fish.)
STRIKER (fish.)
432. **Line Fishing**
432.884 FISHERMAN, LINE (fish.)
433. **Fishing, Miscellaneous Gear**
433.884 FISHERMAN, ABALONE (fish.)
FISHERMAN, SPEAR (fish.)
435. **Whaling**
435.884 FLENSER (fish.)
GUNNER (fish.)
436. **Marine Life Cultivation and Related Work**
436.884 CRAB FARMER (fish.)
EGG PICKER (fish.)
EGG STRIPPER (fish.)
HATCHERY MAN (fish.)
SHELLFISH-BED MAN (fish.)
437. **Sponge and Seaweed Gathering**
437.884 SPONGE HOOKER (fish.)
439. **Fishery and Related Work, n.e.c.**
439.884 FISHERMAN, DIVING (fish.)
NET MAN (fish.)
SEALER (fish.)
44 FORESTRY
449. **Forestry, n.e.c.**
449.884 TREE CLIMBER (forestry)
45 HUNTING, TRAPPING, AND RELATED SERVICES
451. **Hunting and Trapping**
451.884 WALRUS HUNTER (fish.)
46 AGRICULTURAL SERVICES
465. **Blight and Post Control and Bindweed Eradication**
465.884 FUMIGATOR, ORCHARD (agric.)
469. **Agricultural Services, n.e.c.**
469.884 SHEEP SHEARER (agric.)
50 METAL PROCESSING
500. **Electroplating**
500.884 MATRIX-BATH ATTENDANT (phonograph)
MATRIX PLATER (electroplating)
MATRIX WORKER (phonograph)
PLATE FORMER (elec. equip.)
PLATER (electronics)
SILVER-SPRAY MAN (phonograph)
ELECTROFORMER (electroplating)
502. **Melting, Pouring, Casting, and Related Work**
502.884 BLAST-FURNACE KEEPER (iron & steel)
LEAD CASTER (elec. equip.)
MILL HELPER (nonfer. metal alloys)
MOLD SETTER (elec. equip.)
NEEDLE LEADER (knit goods) II
SECOND HELPER (iron & steel)
STEEL POURER (iron & steel)
STEEL-POURER HELPER (iron & steel)
505. **Metal Spraying, Coating, and Related Work**
505.884 CASE PREPARER-AND-LINER OPERATOR (ordnance)
ELECTROLESS PLATER (any ind.)
ENAMELER (plumb. supplies)
METAL SPRAYER, PRODUCTION (any ind.)
SOLDER SPRAYER (any ind.)
509. **Metal Processing, n.e.c.**
509.884 FILAMENT DISSOLVER (electronics)
TEST PREPARER (iron & steel; nonfer. metal alloys)
51 ORE REFINING AND FOUNDRY WORK
511. **Separating, Filtering, and Related Work**
511.884 BOTTOM-PRECIPITATOR OPERATOR (ore dress., smelt., & refin.)
514. **Pouring and Casting**
514.884 CASTER (ore dress., smelt., & refin.)
CUPOLA TAPPER (found.)
INGOT HEADER (nonfer. metal alloys; ore dress., smelt., & refin.)
LADLE MAN (ore dress., smelt., & refin.)
POURER, CRUCIBLE (found.)
POURER, METAL (found.)
TAPPER (nonfer. metal alloys; ore dress., smelt., & refin.)
518. **Molding, Coremaking, and Related Work**
518.884 COREMAKER, PIPE (found.)
CORE SETTER (found.) I
MOLD CLOSER (found.)
MOLD MAKER (ore dress., smelt., & refin.)
PLASTER MOLDER (found.) II
WAX-PATTERN ASSEMBLER (found.)
WAX-PATTERN REPAIRER (found.)
519. **Ore Refining and Foundry Work, n.e.c.**
519.884 CARNALLITE-PLANT OPERATOR (ore dress., smelt., & refin.)
LADLE LINER (found.)
LEAF COVERER (ore dress., smelt., & refin.)
MOLD DRESSER (ore dress., smelt., & refin.)
POT LINER (ore dress., smelt., & refin.)
SAMPLEMAN (ore dress., smelt., & refin.)
STOPPER MAKER (iron & steel)
TOOL REPAIRMAN (ore dress., smelt., & refin.)
52 PROCESSING, FOOD AND RELATED PRODUCTS
520. **Mixing, Compounding, Blending, Kneading, Shaping, and Related Work**
520.884 ALMOND-PASTE MOLDER (confection.)
BENCH HAND (bake. prod.)
ROLLER (confection.) I
521. **Separating, Crushing, Milling, Chopping, Grinding, and Related Work**
521.884 BRAKERMAN (corn prod.)
OFFAL MAN (slaught. & meat pack.)
522. **Culturing, Melting, Fermenting, Distilling, Saturating, Pickling, Aging, and Related Work**
522.884 NEUTRALIZER MAN (corn prod.)
PICKLER (can. & preserv.)
524. **Coating, Icing, Decorating, and Related Work**
524.884 DECORATOR (bake. prod.; confection.)
DIPPER, HAND (confection.)
ENROBING-MACHINE CORDER (confection.)
ICER, HAND (bake prod.)
525. **Slaughtering, Breaking, Curing, and Related Work**
525.884 BONER, MEAT (slaught. & meat pack.)
BUTCHER, FISH (can. & preserv.)
CARCASS SPLITTER (slaught. & meat pack.)

525.884 CRAB BUTCHER (can. & preserv.)
Con. FINAL-DRESSING INSPECTOR (slaught. & meat pack.)
FISH CLEANER (can. & preserv.; fish.)
FISH HOUSEKEEPER (hotel & rest.)
HEAD TRIMMER (slaught. & meat pack.)
MEAT DRESSER (agric.)
MEAT FLENSER (fish.)
SKINNER (slaught. & meat pack.)
STICKER, ANIMAL (slaught. & meat pack.)
TURKEY-ROLL MAKER (slaught. & meat pack.)
526. Cooking and Baking, n.e.c.
526.884 DOUGHNUT MAKER (bake. prod.)
POTATO-PANCAKE FRIER (food prep., n.e.c.)
529, Processing, Food and Related Products, n.e.c.
529.884 BIN CLEANER (grain & feed mill.; malt liquors)
FROZEN-PIE MAKER (any ind.)
INGREDIENT SCALER (bake. prod.; dairy prod.)
SIEVE MAN (grain & feed mill.)
STEAK SAUCE GIRL (can. & preserv.)
54 PROCESSING, PETROLEUM AND RELATED PRODUCTS
542. Distilling, Subliming, and Carbonizing
542.884 FURNACE LOADER (elec. equip.)
543. Drying, Heating, and Melting
543.884 CARBON-FURNACE-OPERATOR HELPER (ore dress., smelt., & refin.)
FURNACE COOLER (elec. equip.)
549. Processing, Petroleum and Related Products, n.e.c.
549.884 PUMPMAN HELPER (petrol. refin.)
55 PROCESSING, CHEMICALS AND RELATED PRODUCTS
550. Mixing and Blending
550.884 ANALYSIS GIRL (phonograph)
COLORMAN (hat & cap)
COLOR MATCHER (button)
COLOR MIXER (wallpaper)
DYE WEIGHER (any ind.)
FLUX MAN (welding)
PAINT MIXER, HAND (any ind.)
PRIMING-POWDER-PREMIX BLENDER (ammunition)
SAMPLE-COLOR MAKER (paint & varn.)
553. Heating, Baking, Seasoning, Melting, and Heat Treating
553.884 HEAT WELDER, PLASTICS (fabric. plastics prod.)
NITRO-COTTON OPERATOR (explosives)
554. Coating, Calendering, Laminating, and Finishing
554.884 CAUSTIC OPERATOR (plastics mat.)
DYER (button)
FOAM DISPENSER (rubber goods)
556. Casting and Molding, n.e.c.
556.884 ENCAPSULATOR (aircraft mfg.)
MOLD-FILLING OPERATOR (plastics mat.)
RUBBER MOLDER (model & pattern)
SCAGLIOLA MECHANIC (stat. & art goods)
557. Extruding
557.884 EXTRUDER-OPERATOR HELPER (fabric. plastics prod.; plastics mat.)
JET MAN (synthetic fibers)
JET WIPER (synthetic fibers)
PUMP TESTER (synthetic fibers)
558. Reacting, n.e.c.
558.884 CELL-EFFICIENCY MAN (chem.)
559. Processing, Chemicals and Related Products n.e.c.
559.884 GRAINING-ROLLER MAKER (furn.)
ISOFORM MIXER (aircraft mfg.)
NITROGLYCERIN DISTRIBUTOR (explosives)
PELLET-PREPARATION OPERATOR (electronics)
PILOT-CONTROL-OPERATOR HELPER (chem.)
ROLL-TENSION TESTER (plastics mat.)
RUBBER MOLD MAKER (jewelry)
TANK CLEANER (paint & varn.)
57 PROCESSING, NONMETALLIC MINERALS AND RELATED PRODUCTS
570. Crushing, Grinding, and Mixing
570.884 MIXER, DIAMOND POWDER (abrasive & polish. prod.)
571. Separating
571.884 RIFTER (minerals & earths)
573. Baking, Drying, and Heat Treating
573.884 BAKER, BEADS (electronics)
KILN-DOOR BUILDER (brick & tile)
SETTER (brick & tile)
574. Impregnating, Coating, and Glazing
574.884 GROUND LAYER (pottery & porc.)
OPTICAL-GLASS SILVERER (optical goods)
SILVERER (mirror)
575. Forming
575.884 BATTER-OUT (pottery & porc.)
CASTER (pottery & porc.)
CASTER (stat. & art goods) II
CROSS CUTTER, ROLLED GLASS (glass mfg.)
GATHERER (glass mfg.)
HANDLE MAKER (pottery & porc.)
LENS MOLDER (glass mfg.)
MOLDER, HAND (brick & tile)
MOLD MAKER, TERRA COTTA (brick & tile)
SANITARY-TUB MAKER (conc. prod.)
SPIN-CAST-PIPE MAN (conc. prod.)
TERRAZZO-TILE MAKER (brick & tile)
579. Processing, Nonmetallic Minerals and Related Products, n.e.c.
579.884 CLAY-STRUCTURE BUILDER AND SERVICER (glass mfg.)
CONCRETE-VAULT MAKER (conc. prod.; mort. goods)
FIBER-GLASS-CONTAINER-WINDING OPERATOR (glass prod.)
KILN-FURNITURE CASTER (pottery & porc.)
58 PROCESSING, LEATHER AND TEXTILES
580. Shaping, Blocking, Stretching, and Tentering
580.884 BLOCKER, HAND (hat & cap) I
BLOCKER, HAND (hat & cap) II
582. Washing, Steaming, and Saturating
582.884 SPOT CLEANER (garment; knit goods)
583. Ironing, Pressing, Glazing, Staking, Calendering, and Embossing
583.884 PLEATER, HAND (trim. & stamp. art goods)
WAIST PLEATER (trim. & stamp. art goods)
584. Mercerizing, Coating, and Laminating
584.884 SPRAYER (felt goods)
585. Singeing, Cutting, Shearing, Shaving, and Napping
585.884 BEAMER (leather mfg.)
TRIMMER, HAND (leather mfg.)
589. Processing, Leather and Textiles, n.e.c.
589.884 COLOR MIXER (window shade & fix.)
RAKER, BUFFING WHEEL (tex. prod., n.e.c.)
SPECK DYER (textile)
59 PROCESSING, N.E.C.
590. Processing Assorted Materials
590.884 PROCESSOR, SOLID PROPELLANT (explosives)
599. Miscellaneous Processing, n.e.c.
599.884 EQUIPMENT CLEANER, HAND (any ind.)
SAMPLER (coke prod.)
60 METAL MACHINING
600. Machining and Related Work
600.884 INSTRUMENT-MAKER HELPER (any ind.)
609. Metal Machining, n.e.c.
609.884 LABORER, GENERAL (mach. shop)
61 METALWORKING, N.E.C.
610. Hammer Forging
610.884 BLACKSMITH HELPER (forging)
SPRING SALVAGE MAN (spring)
614. Extruding and Drawing
614.884 TESTER OPERATOR (nonfer. metal alloys)
619. Miscellaneous Metalworking, n.e.c.
619.884 FORMER HELPER, HAND (any ind.)
ORNAMENTAL-METAL-WORKER HELPER (fabric. metal prod., n.e.c.)
62 MECHANICAL REPAIRING
620. Motorized Vehicle and Engineering Equipment Repair
620.884 AUTOMOBILE-MECHANIC HELPER (auto. ser.)
BRAKE ADJUSTER (auto. ser.)
CLUTCH REBUILDER (auto. ser.)
CONSTRUCTION-EQUIPMENT-MECHANIC HELPER (const.)
ELECTRIC-TRUCK REPAIRMAN (any ind.)
ELECTRIC GOLF-CART REPAIRMAN (auto. ser.)
ENGINEERING-EQUIPMENT-MECHANIC HELPER (const.)
MOTORCYCLE SUBASSEMBLY REPAIRMAN (motor. & bicycles)
SPRING-REPAIRMAN HELPER, HAND (auto. ser.)
SQUEAK, RATTLE, AND LEAK MAN (auto. ser.)
TRACTOR-MECHANIC HELPER (any ind.)
USED-CAR RENOVATOR (ret. tr.)
WRECKER (whole. tr.)
621. Aircraft Repairing
621.884 AIRCRAFT-AND-ENGINE-MECHANIC HELPER (aircraft mfg.; trans.)
RECLAMATION MAN (whole. tr.)
622. Rail Equipment Repairing
622.884 AIR-COMPRESSOR MECHANIC (loco. & car bldg. & rep.)
CARMAN HELPER (loco. & car bldg. & rep.)
SWITCH REPAIRMAN (r.r. trans.)
TANK-CAR INSPECTOR (comp. & liquefied gases)
623. Marine Equipment-Repairing
623.884 MOTORBOAT-MECHANIC HELPER (any ind.)
624. Farm Machinery Repairing
624.884 GREASER (agric.)
625. Engine, Power Transmission, and Related Equipment Repairing
625.884 DIESEL-MECHANIC HELPER (any ind.)
626. Metalworking Machinery Repairing
626.884 TONG REPAIRMAN (nonfer. metal alloys)
UTILITY MAN, MERCHANT MILL (iron & steel)
628. Textile Machinery and Equipment Repairing
628.884 ASSEMBLER, HALF LAP (textile)
NEEDLE SETTER (textile)
NEEDLE STRAIGHTENER (hosiery; knit goods)
OVERHEAD-CLEANER MAINTENANCE MAN (textile)
REED MAN (textile)
SHUTTLE FIXER (textile)
SPINDLE PLUMBER (textile)
WIRE REPAIRMAN (carpet & rug)
629. Special Industry Machinery Repairing
629.884 CURING-PRESS MAINTENANCE MAN (rubber tire & tube)
DRUM REPAIRMAN (tobacco)
630. General Industry Machinery Repairing
630.884 ANODE MAN (ore dress., smelt., & refin.)
BELTMAN (any ind.)
EQUIPMENT CLEANER-AND-TESTER (ore dress., smelt., & refin.)
FIXTURE-MAINTENANCE MAN (any ind.)
PUMP INSTALLER (any ind.)
PUMP-SERVICEMAN HELPER (any ind.)
REPAIRMAN (chem.) II
REPAIRMAN, JUNIOR (ore dress., smelt., & refin.)
SCREEN-AND-CYCLONE MAN (mining & quarrying)
SCREENMAN, CRUSHER (mining & quarrying)
WHEEL-AND-CASTER REPAIRMAN (any ind.)
631. Powerplant Machinery Repairing
631.884 HYDROELECTRIC-MACHINERY-MECHANIC HELPER (light, heat, & power)
POWERHOUSE-REPAIRMAN HELPER (light, heat, & power)
632. Ordnance and Accessory Repairing
632.884 GYMNASTICATOR OPERATOR (firearms)
637. Utility Equipment Repairing
637.884 AIR-CONDITIONING-MECHANIC HELPER, COMMERCIAL (any ind.)
GAS-APPLIANCE-SERVICEMAN HELPER (any ind.)
PUMP-ERECTOR HELPER (const.)
638. Miscellaneous Machine Installation and Repairing
638.884 MAINTENANCE-MECHANIC HELPER (any ind.)
MILLWRIGHT HELPER (any ind.)
639. Mechanical Repairing, n.e.c.
639.884 BICYCLE REPAIRMAN (any ind.)
LAWN-MOWER REPAIRMAN (any ind.)
SEWING-MACHINE-REPAIRMAN HELPER (any ind.)
67 MACHINING, NONMETALLIC MINERALS AND RELATED MATERIALS
679. Machining, Nonmetallic Minerals and Related Materials, n.e.c.
679.884 BED SETTER (stonework)
70 FABRICATION, ASSEMBLY, AND REPAIR OF METAL PRODUCTS, N.E.C.
700. Fabrication, Assembly, and Repair of Jewelry, Silverware, and Related Products
700.884 ARBORER (jewelry)
ASSEMBLER (jewelry)
WATCH-BAND ASSEMBLER (jewelry)
BRIGHT CUTTER (jewelry)
CHAIN MAKER, MACHINE (jewelry)
DRILLER (jewelry)
EARRING MAKER (jewelry)
FILER (jewelry)
GOLD CUTTER (gold leaf & foil)

700.884 Con. HOLLOW-HANDLE-KNIFE ASSEMBLER (silverware)
JIGSAWYER (jewelry)
LATHE HAND (jewelry)
MESH CUTTER (jewelry)
OXIDIZER (silverware)
PREPARER, MAKING DEPARTMENT (jewelry)
PREPARER, SAMPLES AND REPAIRS (jewelry)
PROFILE-SAW OPERATOR (silverware)
RING STAMPER (jewelry)
SILVERWARE ASSEMBLER (silverware)
STRETCHER (jewelry)

701. Fabrication, Assembly, and Repair of Tools and Related Products

701.884 CALIBRATOR (cut. tools)
LEVEL-VIAL SETTER (cut. tools)
SAW-EDGE FUSER, CIRCULAR (cut. tools)
SAW SETTER (stonework)
TOOL FILER (pottery & porc.)
TOOL-MAINTENANCE MAN (typewriters & parts)

703. Sheet-Metal Products, Assembly and Repair, n.e.c.

703.884 BENCH-SHEARS OPERATOR (furn.)
CUPBOARD BUILDER (furn.)
TEMPLATE CUTTER (cut. tools)

704. Engraving, Etching, and Related Work

704.884 ENGRAVER, MACHINE (engraving) I
ENGRAVER, MACHINE (engraving) II
ENGRAVER, PANTOGRAPH (engraving) I
ENGRAVER, PANTOGRAPH (engraving) II
ETCHED-CIRCUIT PROCESSOR (electronics)
ETCHER (engraving)
SILK SCREEN ETCHER (engraving)

705. Filing, Grinding, Buffing, Cleaning, and Polishing, n.e.c.

705.884 BENCH GRINDER (any ind.)
BLADE GROOVER (cut. tools)
BUFFER (any ind.) I
GREASE BUFFER (silverware)
STRAPPER AND BUFFER (shaped wood. art.)
TELEVISION-PICTURE-TUBE BUFFER (electronics)
BUFFING MACHINE TENDER (any ind.)
FILER AND SANDER (shaped wood. art.)
FILER, HAND (cut. tools; hardware)
FILER, HAND, TOOL (mach. shop)
FINAL FINISHER, FORGING DIES (mach. shop)
GOLD-NIB GRINDER (pen & pencil)
GRINDER (any ind.) I
GRINDER-CHIPPER (any ind.) I
METAL FINISHER (any ind.)
MOLD FINISHER (mach. shop)
MOTHER REPAIRMAN (phonograph)
NIB FINISHER (pen & pencil)
POLISHER (any ind.)
POLISHER, SAND (silverware)
TRIMMER (silverware)
POLISHER AND BUFFER (any ind.) II
POLISHER APPRENTICE (any ind.)
SCRAPER, HAND (mach. shop)
SNAG GRINDER (found.)

706. Metal Unit Assembling and Adjusting, n.e.c.

706.884 AIR-CONDITIONING-COIL ASSEMBLER (refrigerat. equip.)
ASSEMBLER (office mach.; typewriters & parts)
ASSEMBLER, PRODUCT (mach. shop)
ASSEMBLER, SMALL PARTS (any ind.)
ASSEMBLER, TYPE BAR-AND-SEGMENT (typewriters & parts)
ATOMIZER ASSEMBLER (fabric. prod., n.e.c.)
BAR AND FILLER ASSEMBLER (furn.)
BEARING RING ASSEMBLER (mach. mfg.)
BENCH ASSEMBLER (agric. equip.)
BENCH HAND (motor. & bicycles)
DRAPERY-ROD ASSEMBLER (ret. tr.)
DRAWER UPFITTER (furn.)
FITTER (any ind.) II
HYDRAULIC-CHAIR ASSEMBLER (furn.)
INJECTOR ASSEMBLER (engine & turbine)
INSTRUMENT-PANEL ASSEMBLER (aircraft mfg.)
LOCK ASSEMBLER (furn.)
LOCK ASSEMBLER (hardware)
LOCKER ASSEMBLER (furn.)
LOCK MAN (furn.)
METAL-BED ASSEMBLER (furn.)

706.884 Con. PLUMBING-HARDWARE ASSEMBLER (plumb. supplies)
SOLDERER-ASSEMBLER (welding)
SOLDERER-AND-SCRAPER (musical inst.)
TABLE INSTALLER (light, heat, & power)
SPRING-ASSEMBLY MAN (spring)
SUBASSEMBLER (office mach.)
VALVE GRINDER (mach. shop)
VENDING-MACHINE ASSEMBLER (coin mach.)
WHEEL LACER AND TRUER (motor. & bicycles)
WHEEL-TRUING MACHINE TENDER (motor. & bicycles)
WRAPPER OPERATOR (spring)

709. Fabrication, Assembly, and Repair of Metal Products, n.e.c.

709.884 ADJUSTER (furn.)
ASSEMBLER, PRODUCTION LINE (struct. & ornam. metalwork) II
BABBITTER (mach. shop)
BIRD-CAGE ASSEMBLER (wirework)
CABLE SWAGER (aircraft mfg.)
CAGE MAKER (conc. prod.)
CIGARETTE-LIGHTER REPAIRMAN (any ind.)
CLIP BOLTER-AND-WRAPPER (spring)
FIRE-EXTINGUISHER SERVICEMAN (any ind.)
HAND STAMPER (any ind.)
HOT-TOP LINER (iron & steel)
KEY CUTTER (any ind.)
MOLD STAMPER (mach. shop)
REAMER, HAND (mach. shop)
REPAIRMAN (furn.)
RIVETER, HAND (any ind.)
SALVAGE MAN (petrol. refin.)
SHEARER AND TRIMMER, WIRE SCREEN AND FABRIC (wirework)
SILK-SCREEN-FRAME ASSEMBLER (any ind.)
SPRING FITTER (spring)
SPRING LOOPER, HAND (spring)
STAB SETTER AND DRILLER (cut. tools)
STRAIGHTENER, HAND (any ind.)
TORCH STRAIGHTENER AND HEATER (any ind.)
TUBE BENDER, HAND (any ind.) I
WIRE-FRAME-LAMP-SHADE MAKER (fabric. prod., n.e.c.)
WIRE-ROPE-SLING MAKER (wirework)
WIRE-ROPE-SLING-MAKER HELPER (wirework)
WIRE-SCREEN WEAVER, HAND (wirework)
WIREWORKER (aircraft mfg.)

71 FABRICATION AND REPAIR OF SCIENTIFIC AND MEDICAL APPARATUS, PHOTOGRAPHIC AND OPTICAL GOODS, WATCHES AND CLOCKS, AND REALTED PRODUCTS

710. Fabrication and Repair of Instruments for Measuring, Controlling, and Indicating Physical Characteristics

710.884 AGATE SETTER (bal. & scales)
ASSEMBLER (bal. & scales)
ASSEMBLER (inst. & app.)
BELLOWS CHARGER (inst. & app.) I
BELLOWS CHARGER (inst. & app.) II
CALIBRATOR (inst. & app.) I
CALIBRATOR (inst. & app.) II
CHANNEL TESTER (light, heat, & power)
FILLER (inst. & app.)
FREQUENCY-METER ALINER (electronics)
GAGE CALIBRATOR (inst. & app.)
GAS-GOVERNOR-REPAIRMAN HELPER (light, heat, & power; petrol. refin.; pipe lines)
GAS-METER-DIAPHGRAM INSTALLER (light, heat, & power)
GAS-METER PACKER (light, heat, & power)
GAS-METER STRIPPER (light, heat, & power)
GRADUATING-MACHINE OPERATOR (inst. & app.)
INSTRUMENT-MECHANIC HELPER (light, heat, & power)
INSTRUMENT-REPAIRMAN HELPER (any ind.)
METER-REPAIRMAN HELPER (any ind.)
PARKING-METER SERVICEMAN (gov. ser.)
SCROLL ASSEMBLER (bal. & scales)
SEALER (bal. & sclacs)
SLIDE PROCESSOR (inst. & app.)
SPEEDOMETER ASSEMBLER (inst. & app.)
SPEEDOMETER CALIBRATOR (inst. & app.)
THERMOSTAT ASSEMBLER (inst. & app.)

710.884 Con. THERMOSTAT CALIBRATOR (inst. & app.)
FLOAT-TANK MAN (inst. & app.)
THERMOSTAT SETTER (inst. & app.)
VALVE ASSEMBLER (inst. & app.)

711. Fabrication and Repair of Optical Instruments and Lenses

711.884 BENCH WORKER (optical goods) II
GRINDER, HAND (optical goods)
INSTRUMENT-LENS CENTERER AND EDGER (optical goods)
INSTRUMENT MAN (inst. & app.)
LENS-EDGE GRINDER, HAND (optical goods)
LENS POLISHER (optical goods) I
METAL-FRAME INSERT MAN (optical goods)
MULTIFOCAL BUTTON ASSEMBLER (optical goods)
MULTIFOCAL-LENS ASSEMBLER (optical goods)
OPTICAL-GLASS ETCHER (optical goods)
PRECISION-LENS GENERATOR (optical goods)

712. Fabrication and Repair of Surgical, Medical, and Dental Instruments and Supplies

712.884 BITE-BLOCK MAN (medical ser.)
CATHETER-BUILDER HELPER (rubber goods)
COILER (dental equip.)
DENTURE WAXER (medical ser.)
FINISHER, DENTURE (medical ser.)
FLANGER (inst. & app.)
GAS-MASK ASSEMBLER (surgical appl.)
GLAZIER (inst. & app.)
MEDICAL INSTRUMENT CABLE FABRICATOR (inst. & app.)
METAL FINISHER (medical ser.)
ORTHOPEDIC-CAST SPECIALIST (medical ser.)
PACKER, DENTURE (medical ser.)
PLASTERMAN (medical ser.)
POLISHER (medical ser.)
SURGICAL-FORCEPS FABRICATOR (inst. & app.)
SURGICAL-NEEDLE GRINDER (needle, pin, & rel. prod.)
WAXER, METAL, PARTIAL DENTURE (medical ser.)
WIRE REAMER (inst. & app.)

713. Fabrication and Repair of Ophthalmic Goods

713.884 ASSEMBLER, GOLD FRAME (optical goods)
ASSEMBLER, MOLDED FRAMES (optical goods)
CONTACT-LENS-CURVE GRINDER (optical goods)
CONTACT-LENS-EDGE BUFFER (optical goods)
CONTACT-LENS POLISHER (optical goods)
COUNTERSINK GRINDER (optical goods)
EMBOSSER AND TRIMMER (optical goods)
EYEGLASS-LENS CUTTER (optical goods)
FRAME CARVER, SPINDLE (optical goods)
GROOVER (optical goods)
HEATING-FIXTURE TENDER (optical goods)
LENS ASSEMBLER (optical goods)
LENS-BLANK MARKER (optical goods)
LENS GENERATOR (optical goods) I
TRUER (optical goods)
MOUNTER AND REPAIRER (optical goods)
PLASTIC-FRAME INSERT MAN (optical goods)
POLISHER (optical goods) II
SPECTACLES TRUER (optical goods)
TRIM MOUNTER (optical goods)

714. Fabrication and Repair of Photographic Equipment and Supplies

714.884 ASSEMBLER (photo. apparatus)
ASSEMBLER, PLASTIC PARTS (photo. apparatus)
BELLOWS MAKER (photo. apparatus)
BENCH EXAMINER (motion pic.)
PHOTOMETER REPAIRMAN (photo. apparatus)
SCREEN REPAIRMAN (photo. apparatus)
X-RAY-SCREEN MAKER (photo. apparatus)

715. Fabrication and Repair of Watches, Clocks, and Parts

715.884 BALANCE ASSEMBLER (clock & watch)
BALANCE-BRIDGE ASSEMBLER (clock & watch)
BALANCE TRUER (clock & watch)
BARREL FINISHER (clock & watch)
BENCH HAND (clock & watch)
BEVELER (clock & watch)
BLOCKER (clock & watch)
BRUSHER (clock & watch)
BURNISHER, BALANCE WHEEL ARM (clock & watch)
BURRER (clock & watch)
CANNON-PINION ADJUSTER (clock & watch)

715.884 Cap-Jewel Plate Assembler (clock & watch)
Con. Caser (clock & watch)
Collet Driller (clock & watch)
Colleter (clock & watch)
Countersinker (clock & watch)
Countersinker, Balance Screw Hole (clock & watch)
Crown Attacher (clock & watch)
Crown-Wheel Assembler (clock & watch)
Crystal Cutter (clock & watch)
Cutter, V-Groove (clock & watch)
Deburrer (clock & watch)
Dialer (clock & watch)
Dial Refinisher (clock & watch)
Dial-Screw Assembler (clock & watch)
Driller and Broacher (clock & watch)
End Polisher (clock & watch)
Finer (clock & watch)
Grinder (clock & watch) II
Hand Filer, Balance Wheel (clock & watch)
Hands Assembler (clock & watch)
Jewel Grinder (clock & watch) II
Jewel-Hole Cornerer (clock & watch)
Jewel-Hole Driller (clock & watch)
Lacquerer (clock & watch)
Mainspring Winder (clock & watch)
Mainspring Winder and Oiler (clock & watch)
Mechanism Assembler (clock & watch)
Oiler (clock & watch)
Overcoiler (clock & watch)
Overcoil Stepper (clock & watch)
Pallet Assembler (clock & watch)
Pallet Rectifier (clock & watch)
Pallet-Stone Grinder (clock & watch)
Pearler (clock & watch) II
Pin Inserter, Regulator (clock & watch)
Pinion Polisher (clock & watch)
Pivoter (clock & watch)
Pointer-Machine Operator (clock & watch)
Poiser, Balance (clock & watch)
Polisher, Balance Screwhead (clock & watch)
Polisher, Dial (clock & watch)
Polisher, Numeral (clock & watch)
Polisher, Screwhead Sides (clock & watch)
Press Operator, Pierce and Shave (clock & watch)
Profiler, Hand (clock & watch)
Put-In-Beat Adjuster (clock & watch)
Reamer, Center Hole (clock & watch)
Rough Opener, Jewel Hole (clock & watch)
Screwmaker, Hand Lathe (clock & watch)
Set-Staff Fitter (clock & watch)
Solderer (clock & watch)
Staker (clock & watch)
Jewel Inserter (clock & watch)
Jewel Staker (clock & watch)
Stoner (clock & watch)
Stoner, Hand (clock & watch)
Surfacer (clock & watch)
Tapper (clock & watch) II
Tapper, Balance-Wheel Screw Hole (clock & watch)
Transferrer (clock & watch)
Tubing-Machine Operator (clock & watch)

716. Fabrication and Repair of Engineering and Scientific Instruments and Equipment, n.e.c.

716.884 Electronic-Sensing-Equipment Assembler (inst. & app.)

719. Fabrication and Repair of Scientific and Medical Apparatus, Photographic and Optical Goods, Watches and Clocks, and Related Products, n.e.c.

719.884 Assembler, Regulators (inst. & app.)
Plater (inst. & app.)
Sensitizer-and-Printer (inst. & app.)

72 ASSEMBLY AND REPAIR OF ELECTRICAL EQUIPMENT

720. Assembly and Repair of Radio and Television Receiving Sets and Phonographs

720.884 Aliner (electronics)
Assembly Adjuster (phonograph)
Cabinet Mounter (electronics)
Phonograph-Cartridge Assembler (phonograph)
Picture-Tube Installer (electronics)

721. Assembly and Repair of Motors, Generators, and Related Products

721.884 Armature Winder Helper, Repair (any ind.)
Assembler, Carbon Brushes (elec. equip.)
Coil Connector (elec. equip.)
Coil-Connector Repairman (elec. equip.)
Commutator Assembler (elec. equip.)
Electric-Motor Assembler (elec. equip.)
Electric-Motor Winder (elec. equip.)
Field-Ring Assembler (elec. equip.)
Skein Winder (elec. equip.)
Spider Assembler (elec. equip.)
Insulation Cutter and Former (elec. equip.)

722. Communication Equipment Assembly and Repair

722.884 Wireman (office mach.) II

723. Assembly and Repair of Electrical Appliances and Fixtures

723.884 Appliance Repairman (elec. equip.)
Assembler (elec. equip.) I
Assembler (light. fix.) I
Assembler, Carbide-Lamp (light. fix.)
Assembler (light. fix.) II
Assembler, Line (elec. equip.)
Flasher Adjuster (light. fix.)

724. Winding and Assembly of Coils, Magnets, Armatures, and Related Products

724.884 Armature Bander (any ind.)
Armature Connector (elec. equip.) II
Armature Straightener (elec. equip.)
Armature Winder, Repair (any ind.)
Coil Former, Template (elec. equip.)
Coil Shaper (any ind.)
Coil Taper, Hand (elec. equip.)
Coil Taper, Machine (elec. equip.)
Coiler Winder (elec. equip.) II
Coil Winder, Open Slot (elec. equip.)
Coil Winder, Automatic (elec. equip.)
Coil Winder, Hand (electronics)
Coil Winder, Strap (elec. equip.)
Element Winder (inst. & app.)
Field-Coil Repairman (elec. equip.)
Header-and-Chopper Assembler (electronics)
Laminator (electronics)
Magnet-Valve Assembler (elec. equip.)
Motor-and-Generator-Brush Maker (elec. equip.)
Static Balancer (any ind.)
Transformer Assembler, Specialty (elec. equip.)
Universal-Winding-Machine Operator (elec. equip.; electronics)

725. Assembly of Light Bulbs and Electronic Tubes

725.884 Ager (electronics)
Bulb-Punch-Out-Machine Operator (electronics)
Exhaust Operator (electronics)
Grid Operator (electronics)
Mounter, Hand (elec. equip.)
Stem-Mounting-Machine Operator (elec. equip.) I
Tube Assembler (electronics)
Tube Component Assembler (electronics)

726. Assembly and Repair of Electronic Components and Accessories, n.e.c.

726.884 Antenna Assembler (electronics)
Audimeter Installer and Serviceman (bus. ser.)
Cable Maker (elec. equip.; electronics)
Capacitor Assembler (electronics)
Capacitor Assembler, Variable (electronics) II
Capacitor-Pack-Press Operator (elec. equip.)
Capacitor Winder (electronics)
Condenser Aliner (electronics)
Crystal Finisher (electronics)
Crystal Grower (electronics)
Crystal Lapper (electronics)
Crystal-Unit Assembler (electronics)
Diffusion-Furnace Operator (electronics)
Electronics Assembler (inst. & app.)
Electronic-Scale Subassembler (bal. & scales)
Filter Assembler (electronics)
Formation Man (electronics)
Grid Assembler (electronics)
Module Assembler (electronics)

726.884 Photoresist Printer (electronics)
Con. Potentiometer Assembler (electronics)
Printed-Circuit Assembler (electronics)
Semiconductor Assembler (electronics)
Speaker Assembler (electronics)
Transformer Assembler (electronics)
Vacuum-Evaporation Operator (electronics)

727. Storage Battery Assembly

727.884 Acid Adjuster (elec. equip.)
Battery Assembler (elec. equip.)
Battery-Assembler, Motorcycle (elec. equip.)
Battery Assembler, Plastic (elec. equip.)
Cell Repairman (elec. equip.)
Lead Burner (elec. equip.) I
Element Burner (elec. equip.)
Intercell-Connector Burner (elec. equip.)
Plate Assembler, Small Battery (elec. equip.)
Sealer (elec. equip.) I

728. Fabrication of Electrical Wire and Cable

728.884 Assembler, Electrical Wire Group (aircraft mfg.)
Electrical-Line Splicer (petrol. production)
Spark Tester (elec. equip.; insulated wire)

729. Assembly and Repair of Electrical Equipment, n.e.c.

729.884 Assembler, Electrical Accessories (elec. equip.) II
Capacitor Assembler (elec. equip.)
Capacitor Repairman (elec. equip.)
Chassis Assembler (electronics)
Dial Marker (elec. equip.)
Electrical-Control Assembler (elec. equip.)
Electrician Helper, Automotive (auto. ser.)
Electric-Sign Assembler (signs)
Fare-Register Repairman (motor trans.)
Lamination Stacker (elec. equip.)
Mold Operator (elec. equip.)
Repairman, Switchgear (elec. equip.)
Salvage Repairman (light, heat, & power) II
Spark-Plug Assembler (elec. equip.)
Test-Department Helper (elec. equip.)

73. FABRICATION AND REPAIR OF PRODUCTS MADE FROM ASSORTED MATERIALS

730. Fabrication and Repair of Musical Instruments and Parts

730.884 Action Finisher (musical inst.)
Assembler, Piano (musical inst.)
Bell-Neck Hammerer (musical inst.)
Bow Rehairer (any ind.)
Console Assembler (musical inst.)
Final Assembler, Brass-Wind Instruments (musical inst.)
Keyboard-Action Assembler (musical inst.)
Key Repairman (musical inst.)
Knobber (musical inst.)
Manual Winder (musical inst.)
Mounter, Brass-Wind Instruments (musical inst.)
Mounter, Keyed Instruments (musical inst.)
Musical-String Maker (musical inst.)
Piano Stringer (musical inst.)
Pre-Assembler and Inspector (musical inst.)
Racker, Octave Board (musical inst.)
Rim Bender (musical inst.)
Sander-and-Buffer (musical inst.)
Seam Hammerer (musical inst.)
Sheet-Metal-Cut-Out Man (musical inst.)
Sliding-Joint Maker (musical inst.)
Socket Puller (musical inst.)
Stopboard Assembler (musical inst.)
Stringed-Instrument Assembler (musical inst.)
Tone Cabinet Assembler (musical inst.)
Tone Regulator (musical inst.)
Valve Maker (musical inst.)

731. Fabrication and Repair of Games and Toys

731.884 Coin-Machine Assembler (coin mach.)
Decorator, Hand (toys & games)
Doll Repairer (ret. tr.)
Doll Repairman (any ind.)
Puppeteer (toys & games)
Rooter Operator (hairwork)
Stuffed-Toy Joiner (toys & games)
Toy Assembler (ret. tr.)

731.884 TOY ASSEMBLER, METAL (toys & games)
Con. TOY ASSEMBLER, WOOD (toys & games)
TOY-ELECTRIC-TRAIN REPAIRMAN (ret. tr.)

732. Fabrication and Repair of Sporting Goods

732.884 BALL ASSEMBLER (sports equip.)
TENNIS-BALL COVERER, HAND (sports equip.)
BASEBALL SEWER, HAND (sports equip.)
BASE FILLER OPERATOR (sports equip.)
BILLIARD-TABLE REPAIRMAN (ret. tr.; sports equip.)
BOW-LIMB ALINER (sports equip.)
BOWLING-BALL ENGRAVER (sports equip.)
BOW REPAIRMAN, PRODUCTION (sports equip.)
BOW-STRING MAKER (sports equip.)
BOW TILLER AND BUFFER (sports equip.)
CELLULOID TRIMMER (sports equip.)
FEATHER STITCHER (sports equip.)
FINISHER (sports equip.)
FISHING-LURE ASSEMBLER (sports equip.)
FISHING-REEL ASSEMBLER (sports equip.)
FISHING-ROD ASSEMBLER (sports equip.)
FISHING-ROD MARKER (sports equip.)
FISH-STRINGER ASSEMBLER (sports equip.)
FIXING-MACHINE OPERATOR (sports equip.)
FLY TIER (sports equip.)
GRIP WRAPPER (sports equip.)
GUIDE-BASE WINDER, MACHINE (sports equip.)
GUIDE WINDER (sports equip.) I
PELOTA MARKER (sports equip.)
RACKET STRINGER (sports equip.)
ROLLER-SKATE ASSEMBLER (sports equip.)
ROLLER-SKATE REPAIRMAN (any ind.)
SHAPER, BASEBALL GLOVE (sports equip.)
SPIN-TABLE OPERATOR (fabric. plastics prod.)
SPORTS-EQUIPMENT REPAIRMAN (any ind.)
SURFBOARD MAKER (sports equip.)
TARGET TRIMMER (sports equip.)
WEIGHER (sports equip.)

733. Fabrication and Repair of Pens, Pencils, and Office and Artists' Materials, n.e.c.

733.884 ASSEMBLER (office mach.)
PAINT BRUSH MAKER (brush)
PEN-AND-PENCIL REPAIRMAN (any ind.)
REPAIRMAN, PENS AND PENCILS (pen & pencil)
SMOOTHER (pen & pencil)
STAMP MOUNTER (pen & pencil)
STAMP-PAD MAKER (pen & pencil)

734. Fabrication of Notions

734.884 ASSEMBLER (tex. prod., n.e.c.)
BUTTON-CUTTING-MACHINE OPERATOR (button)
FEATHER-DUSTER WINDER (house furn.)
FEATHER SHAPER (artif. flower)
NEEDLE STRAIGHTENER (needle, pin, & rel. prod.)
SEWER, CLOTH-COVERED BUTTONS (button)
STAMPER (button)
STICKER (artif. flower)

735. Fabrication and Repair of Jewelry, n.e.c.

735.884 BEAD STRINGER (jewelry)
MUSIC-BOX ASSEMBLER (musical inst.)
STONER (jewelry)
TROPHY ASSEMBLER (jewelry)

736. Fabrication and Repair of Ordnance and Accessories

736.884 ALINER, BARREL AND RECEIVER (firearms)
ASSEMBLER (firearms) II
ASSEMBLER (firearms) III
BARREL FINISHER (firearms)
BARREL REPAIRMAN (firearms)
BARREL STAIGHTENER (firearms)
GAS-CHECK-PAD MAKER (firearms)

737. Fabrication of Ammunition, Fireworks, Explosives, and Related Products

737.884 CARDOX-PLANT OPERATOR (mining & quarrying)
FIREWORKS MAKER (fireworks)
FUSE ASSEMBLER (ammunition)
INSPECTOR, SALVAGE (ammunition)
POWDERMAN (ammunition)
SHELL ASSEMBLER (ammunition)

739. Fabrication and Repair of Products Made from Assorted Materials, n.e.c.

739.884 ARTIFICIAL-CANDY MAKER (fabric. prod., n.e.c.)
ARTIFICIAL-FLOWER MAKER (artif. flower)
PETAL SHAPER, HAND (artif. flower)
PRESSER (artif. flower)

739.884 ASSEMBLER, METAL FURNITURE (furn.)
Con. BRAKEMAKER DONKEY ENGINE (mach. mfg.)
BROOMMAKER (broom)
BRUSH MATERIAL PREPARER (brush)
BUFFER (smoking pipe)
BUFFING-AND-POLISHING-WHEEL REPAIRMAN (any ind.)
CANDLEMAKER (candle)
CASE FINISHER (jewelry cases; leather prod.)
CLIP-AND-HANGER ATTACHER (mirror)
COMPOSITION MOLDER (model & pattern)
CROQUIGNOLE - CURL - MACHINE OPERATOR (hairwork)
CURTAIN-ROLLER ASSEMBLER (window shade & fix.)
DECORATOR (leather prod.) I
DE-ICER ASSEMBLER, ELECTRIC (rubber goods)
DE-ICER-ELEMENT WINDER, HAND (rubber goods)
DE-ICER FINISHER (rubber goods)
DIAMOND MOUNTER (mach. tool & access.)
FINISHER, BRUSH (brush)
FINISHER, MAP-AND-CHART (print. & pub.)
FOOT-MITER OPERATOR (mirror & pic. frames)
FORM COVERER (model & pattern)
FOUNDATION MAKER (hairwork)
FURNITURE SET-UP MAN (ret. tr.)
HAIR PREPARER (hairwork)
HAIR WORKER (hairwork)
HANDBAG FRAMER (leather prod.)
LAMP-SHADE ASSEMBLER (fabric. prod., n.e.c.)
LAST IRONER (lasts & rel. forms)
LAST MARKER (lasts & rel. forms)
LAST REMODELER (lasts & rel. forms)
LAST REPAIRMAN (boot & shoe)
LAST-REPAIRMAN HELPER (boot & shoe)
MANNEQUIN MOUNTER (model & pattern)
MANNEQUIN SANDER AND FINISHER (model & pattern)
MAT CUTTER (mirror & pic. frames)
MIRROR FRAMER (mirror; mirror & pic. frames)
ASSEMBLYMAN (mirror; mirror & pic. frames)
MOP MAKER (house furn.) II
MOUNTER, SMOKING PIPE (smoking pipe)
NEEDLE-BOARD REPAIRMAN (felt goods)
OIL SEAL ASSEMBLER (leather prod.)
PICTURE-FRAME MAKER (mirror & pic. frames)
PICTURE FRAMER (mirror & pic. frames; ret. tr.)
SCREEN MAKER (wallpaper)
SMOKING-PIPE REPAIRMAN (any ind.)
TICKET-CHOPPER ASSEMBLER (furn.)
UMBRELLA MAKER (umbrella)
UMBRELLA TIPPER, HAND (umbrella)
VENETIAN-BLIND ASSEMBLER (window shade & fix.)
VENTILATOR (hairwork)
VULCANIZER, BRUSH (brush)
WEAVER (hairwork)
WOODEN-SHADE HARDWARE INSTALLER (window shade & fix.)

74 PAINTING, DECORATING, AND RELATED WORK

740. Brush Painting

740.884 CHARGER (jewelry) I
DECORATOR (button; jewelry)
ENAMELER (jewelry)
RETOUCHER (bal. & scales)
STRIPER, HAND (motor & bicycles).
TOUCH-UP PAINTER, HAND (any ind.)

741. Spray Painting

741.884 ARTIST, MANNEQUIN COLORING (model & pattern)
PAINTER, ELECTROSTATIC (any ind.)
PAINTER, SPRAY (any ind.) I
PAINTER, MIRROR (mirror)
PAINTER, WHITEWALL TIRE (rubber tire & tube)
STENCILER (carpet & rug; fiber rugs)
PAINT-SPRAY TENDER (mirror)
PORCELAIN ENAMEL REPAIRMAN (any ind.)
SPRAY-PAINTING-MACHINE OPERATOR (any ind.)

742. Staining, Waxing, and Related Work

742.884 RUBBER (furn.; mirror & pic. frames)

749. Painting, Decorating, and Related Work, n.e.c.

749.884 CANDLE DECORATOR (candle) I
DECAL APPLIER (any ind.)

749.884 DECORATOR (furn.)
Con. FINISHER (wood. box)
FRAME TRIMMER (mirror & pic. frames) II
GILDER (any ind.) II
INLAY PAINTER (button)
LACQUER MAN (jewelry)
METAL-LEAF GILDER (mirror & pic. frames)
PAINT-TOUCH-UP MAN (any ind.)
PUTTY GLAZER (any ind.)
SANDER (refrigerat. equip.)
STAINER (furn.; mirror & pic. frames)
STOVE REFINISHER (any ind.)

75 FABRICATION AND REPAIR OF PLASTICS, SYNTHETICS, RUBBER, AND RELATED PRODUCTS

750. Fabrication and Repair of Tires, Tubes, Tire Treads, and Related Products

750.884 BAND BUILDER (rubber tire & tube)
BEAD BUILDER (rubber tire & tube)
MAT REPAIRMAN (rubber goods)
SKIVER (rubber tire & tube)
SOLID-TIRE BUILDER (rubber tire & tube)
TIRE BUILDER (auto. ser.)
TIRE BUILDER, AUTOMOBILE (rubber tire & tube)
TIRE BUILDER, TRUCK (rubber tire & tube)
TIRE GROOVER (auto. ser.)
TIRE TRIMMER, HAND (rubber tire & tube)
TIRE VULCANIZER (auto. ser.)
TREAD CUTTER, TRUCK TIRES (rubber tire & tube)
TREAD-CUTTING-MACHINE OPERATOR (rubber tire & tube)
TUBE BALANCER (rubber tire & tube)
TUBE BUILDER, AIRPLANE (rubber tire & tube)
TUBE-PROCESSING-EQUIPMENT TENDER (rubber tire & tube)
TUBE REPAIRMAN (rubber tire & tube)
TUBE SPLICER (rubber tire & tube) I

751. Laying Out and Cutting, n.e.c

751.884 COLD-ROLL INSPECTOR (plastics mat.)
CUTTER, HAND (rubber goods)
CUTTER, HOT KNIFE (rubber goods)
FOXING CUTTER, HOT KNIFE (rubber goods)
PRE-FORM MAN (ship & boat bldg. & rep.)
TUBER-MACHINE CUTTER (rubber goods; rubber tire & tube)

752. Fitting, Shaping, Cementing, Finishing, and Related, n.e.c.

752.884 ASSEMBLER, SPONGE GASKET (rubber goods)
BALLOON MAKER (rubber goods)
BELT SPLICER (rubber goods)
BIT BENDER (smoking pipe)
BUFFER (fabric. plastics prod.)
CATHETER BUILDER (rubber goods)
PADDED-PRODUCTS FINISHER (rubber goods)
RUBBER-GOODS ASSEMBLER (rubber goods)
SECTIONAL-BELT-MOLD ASSEMBLER (rubber goods)
SKIN FORMER (rubber goods)

753. Fabrication and Repair of Rubber and Plastic Footwear

753.884 BED LASTER (rubber goods)
BUFFING-AND-SUEDING-MACHINE OPERATOR (rubber goods)
CEMENTER, HAND (rubber goods)
DIPPER, NEOPRENE BOOT (rubber goods)
HAND LASTER (rubber goods)
HOOKER-LASTER (rubber goods)
LASTER (rubber goods)
LAY-UP MAN (rubber goods)
MACHINE-MADE-SHOE UNIT WORKER (rubber goods)
PULLER-LASTER (rubber goods)
REPAIRER (rubber goods)
ROLLER-STITCHER (rubber goods)
WADER-BOOT-TOP ASSEMBLER (rubber goods)

754. Fabrication and Repair of Miscellaneous Plastics Products

754.884 ASSEMBLER (fabric. plastics prod.)
THERMOELECTRIC-HEAT-SEALING-MACHINE OPERATOR (trim. & stamp. art goods)
ASSEMBLER-AND-GLUER, LAMINATED PLASTICS (fabric. plastics prod.)
BIT SHAVER (smoking pipe)
CASTER (fabric. plastics prod.)
DRILLER, HAND (button)

754.884 FINISHER, HAND (fabric. plastics prod.)
Con. KNOCK-OUT MAN (fabric. plastics prod.)
LAMINATOR, PREFORMS (fabric. plastics prod.)
MOLD LAMINATOR (ship & boat bldg. & rep.)
PLASTIC LAY-UP MAN (mach. tool & access.)
PLASTICS FABRICATOR (aircraft mfg.)
REPAIRMAN (fabric. plastics prod.)

759. Fabrication and Repair of Plastics, Synthetics, Rubber, and Related Products, n.e.c.

759.884 AIR-BAG BUILDER (rubber tire & tube) I
AIR-BAG BUILDER (rubber tire & tube) II
AIR-BAG RECOVERER (rubber tire & tube)
AIRPLANE-GAS-TANK-LINER ASSEMBLER (rubber goods)
BALL-UP MAN (rubber goods)
BASE-PLY MAN (rubber goods)
BELT-BUILDER HELPER (rubber goods)
BUFFER (rubber goods; rubber tire & tube)
DE-ICER-KIT ASSEMBLER (rubber goods)
DE-ICER REPAIRMAN (rubber goods)
HOSE WRAPPER (rubber goods)
MOLD CLEANER (rubber tire & tube)
PATCHER, BOWLING BALL (sports equip.)
ROLL BUILDER (rubber goods)
ROLLER MAKER (print. & pub.)
RUBBER-GOODS REPAIRMAN (any ind.)
RUBBER LINER (mach. mfg.)
SELF-SEALING-FUEL-TANK REPAIRMAN (rubber goods)
SPLICER (rubber tire & tube)
TUBE-AND-MANIFOLD BUILDER (rubber goods)
V-BELT BUILDER (rubber goods)

76 FABRICATION AND REPAIR OF WOOD PRODUCTS

760. Bench Carpentry and Related Work

760.884 BOX MAKER, WOOD (wood. box)

761. Laying Out, Cutting, Carving, Shaping, and Sanding, n.e.c.

761.884 BINDER AND BOX BUILDER (textile)
DOOR PATCHER (plan. mill)
GOLF-CLUB FACER (sports equip.)
LATHE SANDER, HAND (woodworking)
LAY-OUT MAN (woodworking) II
PLYWOOD PATCHER, HAND (veneer & plywood)
POLISHER (woodworking)
SANDER (smoking pipe)
SANDER, MACHINE (woodworking)
BOW SANDER, FINISH (sports equip.)
SANDER, PORTABLE MACHINE (woodworking)
SHAPER, HAND (furn.)
STOCK CHECKERER (firearms) I
REPAIRMAN AND CHECKERER (firearms)
STOCK PATCHER (firearms)
STOCK SHAPER (firearms)
WHITTLER AND EYE ASSEMBLER (shaped wood. art.)
WOOD BUFFER (musical inst.)

762. Assembly of Wood Products, n.e.c.

762.884 ASSEMBLER (wood. box)
ASSEMBLY OPERATOR (shaped wood. art.)
BABY-CARRIAGE ASSEMBLER (furn.)
BAND EDGER (furn.)
BOX MAKER (mort. goods)
CABINET ASSEMBLER (furn.) I
CURTAIN-STRETCHER ASSEMBLER (shaped wood. art.)
DOOR ASSEMBLER (woodworking)
FOLDING-WOODEN-RULE MAKER (shaped wood. art.)
GRIP ASSEMBLER (shaped wood. art.)
LEVELER (shaped wood. art.)
NAILER, HAND (any ind.)
ORNAMENTER, HAND (mirror & pic. frames) I
SCARF GLUER (veneer & plywood)

763. Fabrication and Repair of Furniture, n.e.c.

763.884 CASE FITTER (furn.)
CHAIR CANER, HAND (furn.) I
CHAIR CANER, HAND (furn.) II
DRAWER LINER (furn.)
FINISH PATCHER (furn.)
FURNITURE ASSEMBLER (furn.)
FLY FINISHER (musical inst.)
SUB-ASSEMBLY MAN (furn.)
HARDWARE ASSEMBLER (furn.)
LAG SCREWER (furn.)
LAMINATOR, HAND (furn.)
LEATHER TOOLER (furn.)

763.884 PLASTIC-TOP ASSEMBLER (furn.)
Con. PLASTIC-TOP INSTALLER (furn.)
TABLE-TOP TILE SETTER (brick & tile)
WICKER WORKER (furn.)
WOODEN-FRAME BUILDER (matt. & bedspring)

764. Cooperage

764.884 BARREL BRANDER (cooperage)
BARREL CHARRER (cooperage)
BARREL RAISER (cooperage)
COOPER (cooperage)
HOGSHEAD COOPER (cooperage) I
SETTER-UP, BUCKET (cooperage)
TANK ASSEMBLER (cooperage)
TUB BEVELER (cooperage)
TUB MENDER (cooperage)
WOODEN-HOOP MAKER (cooperage)

769. Fabrication and Repair of Wood Products, n.e.c.

769.884 BENCH HAND (ammunition)
BENDER, HAND (woodworking)
JOINT GLUER, VENEER (veneer & plywood)
OIL DIPPER (shaped wood. art.)
REEL MAN (wire; wirework)
REPAIRMAN, ASSEMBLED WOOD PRODUCTS (woodworking)
SHAKER REPAIRMAN (corn prod.)
VENEER LAYER (aircraft mfg.)
WEAVER (basketry)

77 FABRICATION AND REPAIR OF SAND, STONE, CLAY AND GLASS PRODUCTS

770. Fabrication and Repair of Jewelry, Ornaments, and Related Products

770.884 BEVELER, ENDSTONE CAP (clock & watch)
FACER (jewelry)
FLAT SURFACER, JEWEL (clock & watch)
JEWEL-BEARING BROACHER (jewelry)
JEWEL-BEARING DRILLER (jewelry)
JEWEL-BEARING FACER (jewelry)
JEWEL-BEARING GRINDER (jewelry)
JEWEL-BEARING POLISHER (jewelry)
JEWEL-BEARING TURNER (jewelry)
JEWEL-CORNER-BRUSHING-MACHINE OPERATOR (clock & watch)
JEWEL-CUPPING-MACHINE OPERATOR (clock & watch)
JEWEL GRINDER (clock & watch) I
TURNER, MACHINE (jewelry)

771. Stone Cutting and Carving

771.884 BEVELER (stonework)
COPER, HAND (stonework)
MILLER, HEAD, ASSISTANT, WET PROCESS (corn prod.)
ROCK SPLITTER (stonework)
SLATE SPLITTER (stonework)

772. Glass Blowing, Pressing, Shaping, and Related Work, n.e.c.

772.884 CUTTER-DOWN (glass mfg.)
GLASS-BLOWING-LATHE OPERATOR (glass prod.)
GLASS-NOVELTY MAKER (glass prod.)
HOT-WIRE GLASS-TUBE CUTTER (glass prod.)
WARM-IN BOY (glass mfg.)
WATCH-CRYSTAL MAN (glass prod.)

773. Coloring and Decorating Brick, Tile, and Related Products

773.884 COLORER (brick & tile)
PASTER (brick & tile)
PRINTER (pottery & porc.)

774. Fabrication and Repair of Pottery and Porcelain Ware

774.884 BISQUE CLEANER (pottery & porc.)
DIPPER (pottery & porc.)
FINISHER (pottery & porc.) I
HANDLER (pottery & porc.)
JIGGERMAN (pottery & porc.)
JOLLIER (pottery & porc.)
PLASTER-DIE MAKER (pottery & porc.)
SAGGER MAKER (pottery & porc.)
STICKER-ON (stat. & art goods)
TURNER (pottery & porc.)
WARE DRESSER (pottery & porc.)

775. Grinding, Filing, Polishing, Frosting, Etching, Cleaning, and Related Work, n.e.c.

775.884 BEVELER (glass mfg.; mirror) I
EDGER, HAND (glass mfg.; mirror)
EDGE-TOUCH-UP MAN (mirror)
GLASS CALIBRATOR (glass prod.)
GLASS CUTTER (any ind.)
GLASS-ETCHING TECHNICIAN (inst. & app.)
GLASS FINISHER (glass prod.)

775.884 GLASS GRINDER (glass mfg.)
Con. GLASS GRINDER (glass prod.)
GLASS GRINDER, LABORATORY APPARATUS (inst. & app.)
GLASS POLISHER (glass mfg.)
GLASS SANDER, BELT (mirror)
LEVEL-VIAL MARKER (cut. tools)
MARK-UP MAN (glass mfg.; mirror)
POLISHER (mirror)
STENCIL CUTTER (glass prod.)
STONE POLISHER, HAND (stonework)
WATCH-CRYSTAL EDGE GRINDER (glass prod.)

776. Fabrication and Repair of Asbestos and Polishing Products, Abrasives, and Related Materials

776.884 ABRASIVE-STONE CUTTER, HAND (abrasive & polish. prod.)
GRINDING-WHEEL DRESSER (any ind.)
POLISHING-WHEEL SETTER (any ind.)

777. Modelmaking, Patternmaking, Moldmaking, and Related Work

777.884 FORM MAKER, PLASTER (fabric. plastics prod.)
MOLD MAKER (stat. & art goods)

779. Fabrication and Repair of Sand, Stone, Clay, and Glass Products, n.e.c.

779.884 BANDER, HAND (glass mfg.; glass prod.)
CONCRETE-FITTINGS MAN (conc. prod.)
CONCRETE-PIPE MAKER (conc. prod.)
FETTLER (brick & tile)
GLASS-LINED TANK REPAIRMAN (malt liquors)
LEVEL-VIAL SEALER (cut. tools)
MICA GAGER (elec. equip.; minerals & earths)
MICA SPLITTER (minerals & earth)
MIRROR SPECIALIST (mirror; mirror & pic. frames)
MIRROR WORKER (mirror)
MODEL MAKER, TERRA COTTA (brick & tile)
PATTERNMAKER (glass prod.)
PIPE FINISHER (brick & tile)
PLASTER MAKER (stat. & art goods)
PLASTIC MOLDER (model & pattern)
SECOND CUTTER (glass mfg.)
STONE REPAIRER (stonework)

78 FABRICATION AND REPAIR OF TEXTILE, LEATHER, AND RELATED PRODUCTS

780. Upholstering and Mattress and Bedspring Fabrication and Repair

780.884 AUTOMOBILE-SEAT-COVER-AND-CONVERTIBLE-TOP INSTALLER (auto. ser.)
BACK PADDER (furn.)
BAND-TOP MAKER (matt. & bedspring)
BOX-SPRING MAKER (matt. & bedspring)
BOX-SPRING TOPPER (matt. & bedspring)
CASKET COVERER (mort. goods)
CASKET LINER (mort. goods)
CHAIR UPHOLSTERER (furn.)
COTTON DISPATCHER (furn.)
CRUSHER (mort. goods)
CUSHION BUILDER (auto. mfg.)
CUSHION BUILDER (furn.)
CUSHION MAKER (furn.) I
CUSHION MAN (furn.)
EDGE ROLLER (furn.)
FABRICATOR, FOAM RUBBER (matt. & bedspring; rubber goods)
MATTRESS-FILLING-MACHINE TENDER (matt. & bedspring)
MATTRESS FINISHER (matt. & bedspring)
MATTRESS MAKER (matt. & bedspring)
PADDER, CUSHION (furn.)
PANEL COVERER, METAL FURNITURE (furn.)
PANEL MAKER (furn.)
POCKETED-SPRING ASSEMBLER (matt. & bedspring)
SEWING-IN OPERATOR (matt. & bedspring)
SLIP-SEAT COVERER (furn.)
SPRING ASSEMBLER (furn.; matt. & bedspring)
RIMMER (matt. & bedspring)
SPRING CLIPPER (furn.)
SPRINGER (furn.)
STUFFING-MACHINE OPERATOR (auto. mfg.; matt. & bedspring)
TESTER, COVERTIBLE SOFA BEDSPRING (matt. & bedspring)
TUFTER (matt. & bedspring)
UPHOLSTERER (furn.) II
UPHOLSTERY CUTTER (furn.; ret. tr.)

780.884 UPHOLSTERY REPAIRMAN (furn.)
Con. UPHOLSTERY TRIMMER (furn.)
WEBBING TACKER (furn.)
WIRE-BORDER ASSEMBLER (furn.; matt. & bedspring)

781. Laying Out, Marking, Cutting, and Punching, n.e.c.

781.884 BEDSPREAD CUTTER (house furn.) I
CUTTER APPRENTICE, HAND (any ind.)
CUTTER, HAND (any ind.) II
BLANKET CUTTER (textile)
MATCH-UP CUTTER (garment)
CUTTER, HAND (any ind.) IV
CUTTER, HAND (knit goods)
CUTTER, MACHINE (any ind.) I
CUTTER, ROTARY SHEAR (textile)
LAY-OUT-MACHINE OPERATOR (house furn.)
PERFORATOR (embroid.; trim. & stamp. art goods)
PLEAT PATTERNMAKER (trim. & stamp. art goods)
PUNCHER (garment)
RUG CLIPPER (carpet & rug)
SAIL CUTTER (canvas goods)
SCALLOP TRIMMER (knit goods; textile)
SKIRT-TRIMMING-MACHINE OPERATOR (garment)
SPREADER (any ind.) II
TABLE GIRL (ret. tr.)
TRIM-STENCIL MAN (auto. mfg.)

782. Handsewing, Mending, Embroidering, Knitting, and Related Work, n.e.c.

782.884 CANVAS-COVER REPAIRMAN (any ind.)
CROCHETER, HAND (knit goods)
EMBROIDERER, HAND (garment; hoisery; knit goods; trim. & stamp. art goods)
FABRIC WORKER (aircraft mfg.)
FISH-NET STRINGER (cord. & twine)
FLOOR GIRL (trim. & stamp. art goods)
GARMENT MENDER (knit goods)
GARMENT RIPPER, ALTERATIONS (ret. tr.)
GLOVE SEWER, HAND (glove & mit.)
HEMMER, HAND (carpet & rug)
HOSIERY MENDER (hoisiery; per. ser.)
KNITTER, HAND (tex. prod., n.e.c.) II
MATCH-UP GIRL (garment) II
MENDER (textile)
PASSEMENTERIE WORKER (trim. & stamp. art goods)
RUG HOOKER, HAND (carpet & rug)
RUG MENDER (fiber rugs)
SEAMSTRESS (clean., dye., & press.; laund.)
SEWER, HAND (any ind.)
SHIRRER, HAND (house furn.)
WEAVER, HAND (narrow fabrics; textile)

783. Fur Working

783.884 FLESHER, HAND (fur dressing)
FUR BLENDER (fur dressing)
ORLON-PILE BLENDER (garment)
FUR NAILER (fur goods)
FUR PLUCKER (fur dressing)
FUR POINTER (fur dressing)
FUR STAYER (fur goods)

784. Fabrication and Repair of Hats, Caps, Gloves, and Related Products

784.884 ASSEMBLER, HANDBAGS (leather prod.)
BAND-AND-CUFF CUTTER (glove & mit.)
BRIM IRONER, HAND (hat & cap)
CAP MAKER (hat & cap)
DECORATION MAKER (hat & cap; motion pic.)
DECORATOR (hat & cap)
FLANGER (hat & cap) I
FOUNDATION GIRL (hat & cap; knit goods)
FOUNDATION MAKER (hat & cap)
GLOVE REPAIRER (per. ser.)
HARDENER (hat & cap) I
HAT BRAIDER (hat & cap)
MENDER (hat & cap)
ROUNDER, HAND (hat & cap)
SILK-TOP-HAT-LINING MAKER (hat & cap)
SIZER, HAND (hat & cap)
SIZER, MACHINE (hat & cap)
TOP-HAT-BODY MAKER (hat & cap)
OPERA-HAT TIPPER (hat & cap)
TOP-HAT-LINING MAKER (hat & cap)
TRIMMER (hat & cap) I

788. Fabrication and Repair of Footwear

788.884 ASSEMBLER FOR PULLER-OVER, HAND (boot & shoe)
ASSEMBLER FOR PULLER-OVER, MACHINE (boot & shoe)
ASSEMBLER, SANDAL PARTS (boot & shoe)
BED LASTER (boot & shoe)
BINDING FOLDER, MACHINE (boot & shoe)
BLEMISH REMOVER (boot & shoe)
BOOTH FOLDER (boot & shoe)
BOTTOM FILLER (boot & shoe)
BOTTOM PRESSER (boot & shoe)
BOTTOM WHEELER (boot & shoe)
BOW MAKER (boot & shoe)
BUTTONHOLE MAKER (boot & shoe)
CLICKING-MACHINE OPERATOR, OUTERS (boot & shoe)
CRIPPLE CUTTER (boot & shoe)
CRIPPLE WORKER (boot & shoe)
FINGER COBBLER (boot & shoe)
FLAMER (boot & shoe)
FOLDER, HAND (boot & shoe)
HAND SEWER, SHOES (boot & shoe)
HEEL ATTACHER, WOOD (boot & shoe)
HEEL-SEAT FITTER, HAND (boot & shoe)
INKER (boot & shoe)
INTERLACER (boot & shoe) II
LASTER, HAND (boot & shoe) I
LASTING-MACHINE OPERATOR, HAND METHOD (boot & shoe)
LOUIS-HEEL FITTER (boot & shoe)
MARKER, HAND (boot & shoe)
OUTSIDE-CUTTER, HAND (boot & shoe)
PULLER AND LASTER, MACHINE (boot & shoe)
PULLER-OVER, MACHINE (boot & shoe)
RASPER (boot & shoe)
ROTARY CUTTER (boot & shoe)
SAMPLEMAN (boot & shoe)
SCREW REMOVER (boot & shoe)
SLIP LASTER (boot & shoe)
SOLE SEWER, HAND (boot & shoe)
STOCK FITTER (boot & shoe)
THREAD LASTER (boot & shoe)
TONGUE PRESSER (boot & shoe)
TOP FORMER (boot & shoe)
TREE DRILLER (boot & shoe)
UPPER-AND-BOTTOM LACER, HAND (boot & shoe)
WRAP TURNER (boot & shoe)
WRINKLE CHASER (boot & shoe)

789. Fabrication and Repair of Textile, Leather, and Related Products, n.e.c.

789.884 BOARD MAKER (knit goods)
BOW MAKER (any ind.)
BUFFING-WHEEL FORMER, HAND (tex. prod., n.e.c.)
CANOPY STRINGER (tex. prod., n.e.c.)
CASE MAKER (leather prod.)
CEMENTER (garment)
FINISHER, HAND (canvas goods)
FRAME BANDER (textile)
FRAME COVERER (leather prod.)
HAIR CLIPPER, POWER (fur dressing)
LEAF STAMPER (jewelry cases)
LEATHER WORKER (leather prod.)
MOLDER, SHOULDER PAD (trim. & stamp. art goods)
NET MAKER (cord. & twine)
ORNAMENT SETTER (garment; trim. & stamp. art goods)
PARACHUTE FOLDER (tex. prod., n.e.c.)
PARACHUTE REPAIRMAN (tex. prod., n.e.c.)
RIGGER (canvas goods)
TRIMMING-MACHINE OPERATOR (any ind.)
TUBER (leather prod.)

79 BENCH WORK, N.E.C.

790. Preparation of Food, Tobacco, and Related Products, n.e.c.

790.884 BUNCH MAKER, HAND (tobacco)
CIGAR MAKER (tobacco)
GUM PACKER (tobacco)
PATCH WORKER (tobacco)
ROLLER, HAND (tobacco) I

794. Fabrication of Paper Products, n.e.c.

794.884 BAG REPAIRER (paper goods)
BOX MAKER, PAPERBOARD (any ind.)
EDGE STRIPPER (paper goods; wood. box)
EXPANSION ENVELOPE MAKER, HAND (paper goods)
FIBER-BOX REPAIRER (tobacco)
Con. PAPER-NOVELTY MAKER (paper goods)
PAPIER MACHÉ MOLDER (model & pattern)
SAMPLE MAKER, HAND (paper goods)

80 METAL FABRICATING, N.E.C.

800. Riveting

800.884 RIVET CATCHER (any ind.)
RIVETER, AIRCRAFT (aircraft mfg.)
RIVETER, PNEUMATIC (any ind.)

801. Fitting, Bolting, Screwing, and Related Work

801.884 ASSEMBLER (light, heat, & power)
ASSEMBLER, METAL BUILDING (const.)
CASE ASSEMBLER (agric. equip.)
CRADLE PLACER (const.)
JIG FITTER (mach. mfg.)
LINERMAN (mining & quarrying; ore dress., smelt., & refin.)
PATTERN GATER (found.)
PLAYGROUND-EQUIPMENT ERECTOR (const.; ret. tr.)
PROGRESSIVE ASSEMBLER AND FITTER (agric. equip.)
REINFORCING-IRON WORKER (const.)
ROLL BUILDER (iron & steel)
STRUCTURAL-STEEL-WORKER APPRENTICE (const.)
WIRE-MESH-GATE ASSEMBLER (wirework)

804. Sheet Metal Work

804.884 ASSEMBLER, UNIT (struct. & ornam. metalwork)
CUTTER, ALUMINUM SHEET (ship & boat bldg. & rep.)
DUCT INSTALLER (const.)
EXTRUSION BENDER (ship & boat bldg. & rep.)
HOOD MAKER (canvas goods)
ROUTER OPERATOR, PORTABLE (aircraft mfg.)

806. Transportation Equipment Assembling and Related Work

806.884 ASSEMBLER, METAL BONDING (aircraft mfg.)
ASSEMBLER, ROCKET ENGINES (aircraft mfg.)
ASSEMBLER, SOFT TOP (auto. mfg.)
AUTOMOBILE-ACCESSORIES INSTALLER (auto. ser.)
AUTOMOBILE-DOOR-PANEL ASSEMBLER (auto. mfg.)
BOAT OUTFITTER (ship & boat bldg. & rep.)
BOAT RIGGER (ret. tr.)
CABINET ASSEMBLER (trans. equip.)
CAR TRIMMER (loco. & car bldg. & rep.)
DOOR ASSEMBLER (trans. equip.)
FITTER AND ADJUSTER (auto. mfg.)
FLATCAR WHACKER (sawmill)
FRAMER (trans. equip.)
HEADLINER INSTALLER (auto. mfg.)
HONEYCOMB-BLANKET MAKER (aircraft mfg.)
MECHANICAL ASSEMBLER (auto. mfg.)
METAL HANGER (trans. equip.)
MOBILE HOME INSTALLER (trans. equip.)
MOTORCYCLE ASSEMBLER (motor. & bicycles)
MOTORCYCLE SUBASSEMBLER (motor. & bicycles)
OVERLAY PLASTICIAN (ship & boat bldg. & rep.)
PRESSURE SEALER-AND-TESTER (aircraft mfg.)
PUMP INSTALLER AND TESTER (auto. mfg.)
RAILROAD-CAR-TRUCK BUILDER (loco. & car bldg. & rep.)
RIGGER HELPER (ship. & boat bldg. & rep.)
STRAPPER (ship & boat bldg. & rep.)
TRUCK-ASSEMBLY-MECHANIC HELPER (ordnance)
UTILITY MAN (trans. equip.)
WHEELWRIGHT (any ind.)

807. Bodywork, Transportation Equipment

807.884 ASSEMBLER, DECK AND HULL (ship & boat bldg. & rep.)
ASSEMBLER, SUBASSEMBLY (aircraft mfg.)
AUTOMOBILE-BUMPER STRAIGHTENER (auto. ser.)
BOAT PATCHER, PLASTIC (ship & boat bldg. & rep.)
BURNISHER AND BUMPER (aircraft mfg.)
FLOOR SERVICE MAN, SPRING (auto. ser.)
FRAME STRAIGHTENER (motor. & bicycles)
INSTALLER, SOFT TOP (auto. mfg.)
MECHANICAL ASSEMBLER, PANELING (auto. mfg.)
MOLDMAN (ship & boat bldg. & rep.)
MUFFLER INSTALLER (auto. ser.) I
SOLDERER, TORCH (auto. mfg.)

807.884 VANE-STRIP INSTALLER (aircraft mfg.)
Con.
809. **Miscellaneous Metal Fabricating, n.e.c.**
809.884 ASSEMBLER, PRODUCTION LINE (struct. & ornam. metalwork) I
AWNING-FRAME MAKER (canvas goods)
CASKET ASSEMBLER, METAL (mort. goods)
DINGMAN (any ind.)
DRILLER, HAND (any ind.) II
GRINDER-CHIPPER (any ind.) II
ALINEMENT ASSEMBLER AND REPAIRMAN (bal. & scales)
INSULATION-BLANKET MAKER (aircraft mfg.)
TEMPLATE MAKER, TRACK (any ind.)
81 **WELDING, FLAME CUTTING, AND RELATED WORK**
810. **Arc Welding**
819.884 WELDER APPRENTICE, ARC (welding)
WELDER, ARC (welding)
BOILERMAKER WELDER (boilermaking)
WELDER, ATOMIC (welding)
WELDER, GAS-SHIELDED ARC (welding)
WELDER, HAND, SUBMERGED ARC (welding)
WELDER, GUN (welding)
WELDER, TACK (welding)
811. **Gas Welding**
811.884 WELDER APPRENTICE, GAS (welding)
WELDER, GAS (welding)
812. **Combination Arc Welding and Gas Welding**
812.884 WELDER APPRENTICE, COMBINATION (welding)
WELDER, COMBINATION (welding)
WELDER, REPAIR (welding)
WELDER, PRODUCTION LINE (welding)
814. **Brazing, Braze-Welding, and Soldering**
814.884 BRAZER, ASSEMBLER (welding)
BRAZER, CRAWLER TORCH (welding)
BRAZER, REPAIR AND SALVAGE (welding)
SOLDERER, BARREL RIBS (firearms)
SOLDERER, PRODUCTION LINE (welding)
SOLDERER-DIPPER (welding)
816. **Flame and Arc Cutting**
816.884 ARC CUTTER (welding)
FLAME CUTTER, HAND (welding) I
FLAME CUTTER, HAND (welding) II
819. **Welding, Flame Cutting, and Related Work, n.e.c.**
819.884 BUFFING-MACHINE MAN (const.)
82 **ELECTRICAL ASSEMBLING, INSTALLING, AND REPAIRING**
821. **Transmission and Distribution Line and Circuit Assembly, Installation, and Repair**
821.884 ELECTRIC-METER INSTALLER (light, heat, & power) II
LABORATORY HELPER (light, heat, & power)
WIREMAN, STREET LIGHT (light, heat, & power)
822. **Wire Communication, Detection, and Signaling Equipment Assembly, Installation, and Repair**
822.884 CABLE MAN (tel. & tel.)
FRAMEMAN (tel. & tel.)
PLANT WIREMAN (tel. & tel.)
PROTECTIVE-SIGNAL-INSTALLER HELPER (bus. ser.)
PROTECTIVE-SIGNAL REPAIRMAN HELPER (bus. ser.)
SIGNALMAN HELPER (r.r. trans.)
823. **Electronic Communication, Detection, and Signaling Equipment Assembly, Installation, and Repair**
823.884 ANTENNA INSTALLER (any ind.)
RADIO-MECHANIC HELPER (any ind.)
824. **Lighting Equipment and Building Wiring Assembly, Installation, and Repair, n.e.c.**
824.884 ELECTRICIAN, STUDIO (motion pic.)
MOTOR-VEHICLE-LIGHT ASSEMBLER (light. fix.)
PUMPMAN (signs)
STREET-LIGHT-REPAIRMAN HELPER (light, heat, & power)
825. **Transportation and Materials Handling Equipment Assembly, Installation, and Repair, n.e.c.**
825.884 ELEVATOR-CONSTRUCTOR HELPER (const.)
826. **Industrial Apparatus Assembly, Installation, and Repair, n.e.c.**
826.884 ANODE BUILDER (chem.)
CELL-RENEWAL MAN (chem.)
CELL INSTALLER (chem.)
CELL REPAIRMAN (chem.)
826.884 POT BUILDER (chem.)
Con. RESISTOR ASSEMBLER (elec. equip.)
827. **Large Household Appliance and Similar Commercial and Industrial Equipment Assembly, Installation, and Repair**
827.884 AIR-CONDITIONING INSTALLER, DOMESTIC (any ind.)
AIR-CONDITIONING-UNIT INSTALLER (refrigerat. equip.)
ASSEMBLER, COOLERS (refrigerat. equip.)
ASSEMBLER, ELECTRICAL (elec. equip.)
AUTOMOBILE AIR-CONDITIONER ASSEMBLER (refrigerat. equip.)
ELECTRICAL-APPLIANCE-SET-UP MAN (any ind.)
829. **Assembly, Installation, and Repair of Electrical Products, n.e.c.**
829.884 CABLE PULLER (const.; light, heat, & power; tel. & tel.)
ELECTRICIAN HELPER (ship & boat bldg. & rep.)
ELEVATOR-REPAIRMAN HELPER (any ind.)
84 **PAINTING, PLASTERING, WATERPROOFING, CEMENTING, AND RELATED WORK**
840. **Construction and Maintenance Painting and Related Work**
840.884 BITUMINOUS ENAMELER (any ind.)
GLASS TINTER (glass prod.)
PAINTER, ROUGH (const.)
PAINTER, STRUCTURAL STEEL (const.)
841. **Paperhanging**
841.884 BILLPOSTER (bus. ser.)
842. **Plastering and Related Work**
842.884 DRY-WALL APPLICATOR (const.)
GROUND WIREMAN (const.)
PERMASTONE DRESSER (const.)
TAPER (const.)
WALLBOARD TAPER, MACHINE (const.)
843. **Waterproofing and Related Work**
843.884 CALKER (const.)
STEEL PLATE CALKER (any ind.)
WATERPROOFER (const.)
DAMPROOFER (const.)
WOOD CALKER (ship & boat bldg. & rep.)
844. **Cement and Concrete Finishing and Related Work**
844.884 CELL MAKER (chem.)
COVER MAKER (chem.)
CEMENT-GUN NOZZLEMAN (conc. prod.; const.)
CEMENT MASON (const.)
CEMENTER (ship & boat bldg. & rep.)
CEMENT MASON, MAINTENANCE (any ind.)
CEMENT-MASON APPRENTICE (const.)
CONCRETE RUBBER (conc. prod.; const.)
CONCRETE-WALL-GRINDER OPERATOR (const.)
MANHOLE MECHANIC (light, heat, & power)
845. **Transportation Equipment Painting and Related Work**
845.884 PAINTER HELPER, AUTOMOBILE (auto. ser.)
849. **Painting, Plastering, Waterproofing, Cementing, and Related Work, n.e.c.**
849.884 BOAT BUFFER, PLASTIC (ship & boat bldg. & rep.)
BOILER RELINER, PLASTIC BLOCK (found.)
85 **EXCAVATING, GRADING, PAVING, AND RELATED WORK**
850. **Excavating, Grading, and Related Work**
850.884 BELL MAN (const.) I
DREDGE-DIPPER TENDER (const.)
SEWER-BOTTOM MAN (const.)
STRIPPING-SHOVEL OILER (mining & quarrying)
851. **Drainage and Related Work**
851.884 BATTERBOARD SETTER (const.)
FINE-GRADE MAN (const.)
PIPE LAYER (const.)
DRAIN LAYER (const.)
RECEIVER SETTER (const.)
SUBGRADE TESTER (const.)
852. **Concrete Paving**
852.884 CEMENT MASON, HIGHWAYS AND STREETS (const.)
CONCRETE-PAVER-OPERATOR HELPER (const.)
FORM SETTER, METAL ROAD-FORM (const.)
853. **Asphalt Paving**
853.884 ASPHALT RAKER (const.)
859. **Excavating, Grading, Paving, and Related Work, n.e.c.**
859.884 BRICKLAYER, PAVING BRICK (const.)
DUCT LAYER (const.; light, heat, & power) I
859.884 FOUNDATION-DRILL-OPERATOR HELPER (const.)
Con. PAVING-BED MAKER (const.)
WELL-DRILL-OPERATOR HELPER, CABLE TOOL (const.)
86 **CONSTRUCTION WORK, N.E.C.**
860. **Carpentry and Related Work**
860.884 FORM-BUILDER HELPER (const.)
SHORER (const.)
STULL MAN (conc. prod.)
861. **Brick and Stone Masonry and Tile Setting**
861.884 CUPOLA REPAIRMAN (found.)
MARBLE-SETTER HELPER (const.)
PATCHER (coke prod.)
POINTER, CALKER, AND CLEANER (const.)
STONE POLISHER (const.)
STONE-POLISHER APPRENTICE (const.)
TERRAZZO-WORKER HELPER (const.)
TILE-SETTER HELPER (const.)
TUCK POINTER (const.)
862. **Plumbing, Gas Fitting, Steam Fitting, and Related Work**
862.884 FITTER (const.; pipe lines)
GAS-SERVICEMAN HELPER (light, heat, & power)
HYDRANT-AND-VALVE MAINTENANCE MAN (waterworks)
HYDRANT-AND-VALVE SETTER (const.)
JUNCTION MAKER (brick & tile)
LABORER, CONSTRUCTION OR LEAK GANG (light, heat, & power)
PIPE CALKER (const.)
PIPE-FITTER HELPER (const.)
FURNACEMAN HELPER (light, heat, & power)
GAS-FITTER HELPER (const.)
PIPE-FITTER HELPER (ship & boat bldg. & rep.)
PIPE-LINE WORKER (const.)
PLUMBER HELPER (const.)
SEWER TAPPER (const.)
SOFT-WATER SERVICEMAN (bus. ser.)
TAPPING-MACHINE OPERATOR (const.)
863. **Asbestos and Insulation Work**
863.884 COMPOSITION-WEATHERBOARD APPLIER (const.)
FIREPROOFING MAN (light, heat, & power)
INSULATION HOSEMAN (const.; ret. tr.; whole. tr.)
INSULATION INSTALLER (const.)
INSULATION WORKER (const.)
INSULATION-WORKER APPRENTICE (const.)
SIDER (const.; ret. tr.)
864. **Floor Laying and Finishing Work**
864.884 FLOOR-SANDER HELPER (const.)
FLOOR-SANDING-MACHINE OPERATOR (const.)
FLOOR FINISHER (const.)
865. **Glass Setting and Related Work**
865.884 GLASS INSTALLER (auto. ser.)
GLASS INSTALLER (furn.; plan. mill)
GLAZIER, METAL FURNITURE (furn.)
LAY-OUT MAN (const.)
REFRIGERATOR GLAZIER (refrigerat. equip.)
SAFETY-GLASS INSTALLER (aircraft mfg.)
866. **Roofing and Related Work**
866.884 CORRUGATED - SHEET - MATERIAL SHEETER (const.)
ROOFER, VINYL COATING (const.)
869. **Miscellaneous Construction Work, n.e.c.**
869.884 ASSEMBLER, SKYLIGHTS (fabric. plastics prod.)
AWNING HANGER (canvas goods; const.; ret. tr.)
BILLBOARD-ERECTOR HELPER (const.)
BRATTICE MAN (mining & quarrying)
CONSTRUCTION WORKER (const.) I
FENCE ERECTOR (const.)
FORM SETTER, STEEL FORMS (const.)
FORM SETTER, STEEL-PAN FORMS (const.)
JOIST SETTER, ADJUSTABLE STEEL (const.)
LAWN-SPRINKLER INSTALLER (const.)
LEADSMAN, PILE-DRIVING (const.)
LIGHTNING-ROD ERECTOR (const.)
PIPE-DRIVING NOZZLEMAN (const.)
RIG BUILDER (petrol. production)
ROUSTABOUT (petrol. production) II
SEAT INSTALLER (const.)
SIGN ERECTOR (signs) II
VENEER STAPLER (ship & boat bldg. & rep.)
VENETIAN-BLIND INSTALLER (ret. tr.; window shade & fix.)
WRECKER (const.)

89 STRUCTURAL WORK, N.E.C.
891. **Structural Maintenance, n.e.c.**
891.884 BUILDING CLEANER, SANDBLASTER (const.)
BUILDING CLEANER, STEAM (const.)
DOCKMAN (ship & boat bldg. & rep.)
PIPE CHANGER (mining & quarrying)
SWIMMING-POOL SERVICEMAN (any ind.)
899. **Miscellaneous Structural Work, n.e.c.**
899.884 BONDACTOR-MACHINE OPERATOR (found.)
CHIMNEY REPAIRMAN (bus. ser.)
DIVER HELPER (any ind.)
HIGHWAY-MAINTENANCE MAN (gov. ser.)
HOUSE-TRAILER-LOT UTILITY MAN (ret. tr.)
MAINTENANCE-MAN HELPER, FACTORY OR MILL (any ind.)
MOBILE-HOME REPAIRMAN (trans. equip.)
PIPELINER (pipe lines)
SEWER-PIPE CLEANER (bus. ser.)
SHAFTMAN (mining & quarrying)
TOWEL-CABINET REPAIRMAN (bus. ser.)
WINDOW REPAIRMAN (any ind.)
91 TRANSPORTATION WORK, N.E.C.
910. **Railroad Transportation**
910.884 BRAKEMAN, ROAD FREIGHT (r.r. trans.)
BRAKEMAN, YARD (r.r. trans.)
GRINDING-MACHINE OPERATOR, PORTABLE (r.r. trans.)
911. **Water Transportation**
911.884 ABLE SEAMAN (water trans.)
BOAT LOADER (water trans.)
FERRYBOAT OPERATOR, CABLE (water trans.) II
FERRYBOAT-OPERATOR HELPER (water trans.)
MARINE OILER (water trans.)
SAILOR, PLEASURE CRAFT (water trans.)
912. **Air Transportation**
912.884 PARACHUTE RIGGER (air trans.)
915. **Parking Lot and Related Service Work**
915.884 GARAGEMAN, INDUSTRIAL (auto. ser.)
TIRE REPAIRMAN (auto. ser.)
92 PACKAGING AND MATERIALS HANDLING
920. **Packaging**
920.884 CRATE LINER (furn.)
CRATER (any ind.) II
BOXER (stonework)
929. **Packaging and Materials Handling. n.e.c.**
929.884 PACKER (ordnance)
93 EXTRACTION OF MINERALS
930. **Boring, Drilling, Cutting, and Related Work**
930.884 CASER (petrol. production)
CEMENTER HELPER, OIL WELL (petrol. production)
CLEAN-OUT-DRILLER HELPER (petrol. production)
DERRICKMAN HELPER (petrol. production)
DRILLER, HAND (any ind.) I
JACKHAMMER OPERATOR (mining & quarrying)
OIL-PIPE-INSPECTOR HELPER (petrol. production)
QUARRYMAN (mining & quarrying; stonework)
930.884 ROTARY-DRILLER HELPER (petrol. production)
Con. WELL-DRILL-OPERATOR HELPER, ROTARY DRILL (const.)
931. **Blasting**
931.884 BLASTER, AIRDOX (mining & quarrying)
DUMPER-BAILER OPERATOR (petrol. production)
GUN-PERFORATOR LOADER (petrol. production)
932. **Loading and Conveying**
932.884 BRAKEMAN (any ind.)
933. **Crushing**
933.884 CRUSHER SETTER (mining & quarrying)
939. **Extraction of Minerals, n.e.c.**
939.884 ACIDIZER HELPER (petrol. production)
FORMATION-FRACTURING-OPERATOR HELPER (petrol. production)
LAMPMAN (mining & quarrying)
MINER, PLACER (mining & quarrying)
OBSERVER HELPER, SEISMIC PROSPECTING (petrol. production)
SHOREMAN, DREDGE OR BARGE (mining & quarrying)
94 LOGGING
940. **Timber Cutting and Related Work**
940.884 BUCKER (logging)
CORDWOOD CUTTER (logging)
FALLER (logging)
LIMBER (logging)
LOGGER, ALL-ROUND (logging)
POLE AND PILING CUTTER (logging)
RIVER (logging; sawmill)
942. **Log Sorting, Gathering, Storing, and Related Work**
942.884 LOG DRIVER (logging)
RAFTER (logging)
BOTTOM MAKER (logging)
RIGGER, SECOND (logging)
RIGGING SLINGER (logging)
949. **Logging, n.e.c.**
949.884 SECOND LOADER (logging)
95 PRODUCTION AND DISTRIBUTION OF UTILITIES
952. **Generation, Transmission, and Distribution of Electric Light and Power**
952.884 CABLE-MAINTENANCE MAN (light, heat, & power)
TROUBLE MAN (light, heat, & power) I
953. **Production and Distribution of Gas**
953.884 GAS FITTER, PRESSURE (light, heat, & power)
GAS-METER INSTALLER (light, heat, & power)
GAS-METER-INSTALLER APPRENTICE (light, heat, & power)
954. **Filtration, Purification, and Distribution of Water**
954.884 TURN-OFF-AND-TURN-ON MAN (waterworks)
WATER-METER INSTALLER (waterworks)
955. **Refuse and Sewage Disposal**
955.884 INCINERATOR-PLANT ATTENDANT (sanitary ser.)
959. **Production and Distribution of Utilities, n.e.c**
959.884 POLE FRAMER (light, heat, & power; tel. & tel.; wood preserving)
TREE TRIMMER (light, heat, & power; tol. & tel.)
96 AMUSEMENT, RECREATION, AND MOTION PICTURE WORK, N.E.C.
962. **Motion Picture Production, n.e.c.**
962.884 AGER (motion pic.)
FILM SPLICER (motion pic.)
FOREIGN-TITLE BREAKER (motion pic.)
GREENSMAN (motion pic.)
MICROPHONE-BOOM OPERATOR (motion pic.)
MOTORMAN (motion pic.)
TRANSMISSION MAN (motion pic.)
964. **Theatrical and Related Entertainment Producduction, n.e.c.**
964.884 ACROBATIC RIGGER (amuse. & rec.)
GRIP (amuse. & rec.)
HIGH-RIGGING MAN (amuse. & rec.)
969. **Miscellaneous Amusement, Recreation, and Motion Picture Work, n.e.c.**
969.884 FIREWORKS MAN (fireworks)
97 GRAPHIC ART WORK
970. **Art Work, Brush, Spray, or Pen**
970.884 AIRBRUSH OPERATOR (print. & pub.)
COLORER (print. & pub.)
PAINTER, AIRBRUSH (any ind.)
971. **Photoengraving**
971.884 STAGER (print. & pub.)
976. **Darkroom Work, n.e.c.**
976.884 CARBON PRINTER (print. & pub.)
CHEMICAL MIXER (motion pic.)
CONTACT-FRAME OPERATOR (print. & pub.)
FILM CUTTER (any ind.) I
MOUNTER, HAND (bus. ser.)
NEGATIVE CUTTER (motion pic.)
NEGATIVE CUTTER-AND-SPOTTER (any ind.)
SCREEN PHOTOGRAPHER (wallpaper)
SPLICER (any ind.)
977. **Bookbinding and Related Work**
977.884 BOOKBINDER (print. & pub.)
BOOKBINDER APPRENTICE (print. & pub.)
BOOK REPAIRER (any ind.)
CASER (print. & pub.)
COVERER, LOOSELEAF BINDER (print. & pub.)
INLAYER (print. & pub.)
PRESSER (print. & pub.)
STITCHER, HAND (print. & pub.)
TIPPER (print. & pub.)
979. **Graphic Art Work, n.e.c.**
979.884 ENGRAVER (print. & pub.) II
GLOBE MOUNTER (print. & pub.)
GOLD-LEAF STAMPER (any ind.)
IMPRESSION MAN (print. & pub.)
MAP-AND-CHART MOUNTER (print. & pub.)
SCREEN PRINTER (textile)
SILK-SCREEN MACHINE OPERATOR (pottery & porc.)
SILK-SCREEN PRINTER (any ind.)
WALLPAPER PRINTER (wallpaper) II

EDUCATION AND TRAINING

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.228	Training Services	349
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SUPERVISORY AND INSTRUCTIVE WORK (Nursing and Related Services)

.128

Work Performed

Work activities in this group primarily involve planning, organizing, and conducting educational and training programs in such fields as nursing, dietetics, medical technology, or health, and supervising personnel engaged in rendering services in these fields. Employment may be in a clinic, hospital, school, public or private health agency, or industrial organization.

Worker Requirements

An occupationally significant combination of: Intellectual capacity to acquire the necessary professional, technological, and academic background in appropriate subject matter and in teaching techniques; the ability to impart this knowledge in an instructive, advisory, demonstrative, or supervisory situation; organizational ability; and interest in the health and welfare of people.

Clues for Relating Applicants and Requirements

Good health.

Desire to help others.

Facility in communicating ideas.

Professional or technical training in an applicable field, such as nursing, public health, dietetics, or medical technology.

Training and Methods of Entry

Experience in an appropriate field of work, such as nursing, dietetics, public health, or medical technology, is essential for entry into supervisory and instructive work in these fields. Courses in education or supervisory practices may be required.

RELATED CLASSIFICATIONS

Nursing, X-Ray, and Related Services (.368; .378) p. 477
Health Physics (.021) p. 464
Administration (.118; .168) p. 237
Managerial Work (.168) p. 245
Vocational Education (.128; .228) p. 337
High School, College, University, and Related Education (.228) p. 341

QUALIFICATIONS PROFILE

GED: 5

SVP: 7 8

Apt:	GVN	SPQ	KFM	EC
	2 2 3	3 3 3	3 3 3	4 4
	1		4 4 4	5

Int: 4 7 6

Temp: 5 4 7

Phys. Dem: L 4 5 6

07 **MEDICINE AND HEALTH**
075. **Nursing**
075.128 INSTRUCTOR, PSYCHIATRIC AID (education)
NURSE, CONSULTANT (medical ser.)
NURSE, HEAD (medical ser.)
NURSE, INSTRUCTOR (medical ser.)
NURSE, SCHOOL (medical ser.)
NURSE, STAFF, PUBLIC HEALTH (medical ser.)
075.128 NURSE, SURPERVISOR (medical ser.)
Con. NURSE, SUPERVISOR, OCCUPATIONAL HEALTH NURSING (medical ser.)
NURSE, SUPERVISOR, PUBLIC-HEALTH NURSING (medical ser.)
077. **Dietetic Work**
077.128 DIETARY CONSULTANT (profess. & kin.)
DIETITIAN, TEACHING (profess. & kin.)
077.128 DIETITIAN, THERAPEUTIC (profess. & kin.)
Con. NUTRITIONIST (profess. & kin.)
078. **Medical and Dental Technology**
078.128 MEDICAL TECHNOLOGIST, TEACHING SUPERVISOR (medical ser.)
079. **Medicine and Health, n.e.c.**
079.128 SUPERVISOR, AUXILIARY PERSONNEL (medical ser.)

INDUSTRIAL TRAINING

.128; .228

Work Performed

Work activities in this group primarily involve providing specialized training in the proper functioning or execution of machines, equipment, systems, procedures, processes, and/or methods. Typically, recipients of instruction are new employees, tenure employees, or customers.

Worker Requirements

An occupationally significant combination of: Intellectual capacity to acquire necessary vocational background; manual dexterity, eye-hand-foot coordination, and spatial ability to demonstrate equipment; interest in communicating ideas to people; and an analytical mind to organize facts in answering trainees' questions and plan programs of instruction.

Clues for Relating Applicants and Background

Proficiency in expressing ideas verbally.
Expressed preference for public-contact work.
Successful work experience in lower level jobs in specific field.

Training and Methods of Entry

An extensive background in the vocational specialty is generally required for entry into this group. Individuals who excel at their work and exhibit a facility for explaining things to others and solving problems that arise in work situations are the type of potential employees an employer notices.

RELATED CLASSIFICATIONS

Vocational Education (.128; .228) p. 337
Training Services (.228) p. 349

QUALIFICATIONS PROFILE

GED: 3 4 5
SVP: 6 7 8
Apt: GVN SPQ KFM EC
2 2 2 2 3 3 3 3 3 3 4
3 3 3 4 4 4 4 5 5
Int: 2 5 6
Temp: 1 4 5 9 0
Phys. Dem: S L M 2 4 5 6

09 **EDUCATION**
099. **Education, n.e.c.**
099.228 INSTRUCTOR, NAVIGATION (education)
16 **ADMINISTRATIVE SPECIALTIES**
169. **Administrative Specialties, n.e.c.**
169.228 SYSTEMS ENGINEER (any ind.)
23 **INFORMATION AND MESSAGE DISTRIBUTION**
235. **Telephone Work**
235.228 PRIVATE-BRANCH-EXCHANGE SERVICE ADVISOR (tel. & tel.)
37 **PROTECTIVE SERVICES**
375. **Police and Related Work, Public Service**
375.228 POLICE ACADEMY INSTRUCTOR (gov. ser.)
44 **FORESTRY**
441. **Forest Conservation Work**
441.128 JUMPMASTER (gov. ser.)
62, 63 **MECHANICAL REPAIRING**
621. **Aircraft Repairing**
621.228 FIELD-SERVICE REPRESENTATIVE (aircraft mfg.)
68 **TEXTILE MACHINE WORK**
683. **Weaving and Related Work**
683.228 INSTRUCTOR, WEAVING (textile)
71 **FABRICATION AND REPAIR OF SCIENTIFIC AND MEDICAL APPARATUS, PHOTOGRAPHIC AND OPTICAL GOODS, WATCHES AND CLOCKS, AND RELATED PRODUCTS**
710. **Fabrication and Repair of Instruments for Measuring, Controlling, and Indicating Physical Characteristics**
710.128 TECHNICAL INSTRUCTOR, BALANCES (bal. & scales)
715. **Fabrication and Repair of Watches, Clocks, and Parts**
715.228 INSTRUCTOR, WATCH ASSEMBLY (clock & watch)
78 **FABRICATION AND REPAIR OF TEXTILE, LEATHER, AND RELATED PRODUCTS**
789. **Fabrication and Repair of Textile, Leather, and Related Products, n.e.c.**
789.228 INSTRUCTOR, APPAREL MANUFACTURE (textile)
TEACHER (textile)
90 **MOTOR FREIGHT TRANSPORTATION**
909. **Motor Freight Transportation, n.e.c.**
909.128 SAFETY ENGINEER (motor trans.)
91 **TRANSPORTATION WORK, N.E.C.**
919. **Miscellaneous Transportation Work, n.e.c.**
919.228 INSTRUCTOR, BUS, TROLLEY, AND TAXI (motor trans.; r.r. trans.)
94 **LOGGING**
949. **Logging, n.e.c.**
949.228 INSTRUCTOR, LOGGING (logging)

VOCATIONAL EDUCATION

.128; .228

Work Performed

Work activities in this group primarily involve teaching, demonstrating, and/or advising others in the productive and efficient utilization of agricultural, home economics, and similar vocational principles, subject matter, and skills. Activities usually occur in a school, industrial, commercial, community, or home environment.

Worker Requirements

An occupationally significant combination of: Interest in people and ability to communicate ideas; intellectual capacity sufficient to acquire necessary background in subject matter and teaching techniques; organizational ability to present facts in answering students questions and plan programs of instructions; and perception for clerical detail.

Clues for Relating Applicants and Requirements

Success in vocational courses in high school, trade school, or agricultural school.
Proficiency in expressing ideas verbally.
Experience in 4–H clubs.
Experience assisting instructors in coursework.

Training and Methods of Entry

State certification is necessary for secondary school teaching. Minimum qualification for certification is a bachelor's degree. Many States require an additional semester of education courses, including student teaching, before certification. Individuals wishing to enter the field of vocational education are frequently required to have active experience or advanced training in specific areas.

Four years of college study leading to a bachelor's degree in home economics is the minimum requirement for professional work in that field. The more responsible entry positions require a graduate degree.

RELATED CLASSIFICATIONS

High School, College, University, and Related Education (.228) p. 341
Kindergarten, Elementary School, and Related Education (.228) p. 343
Industrial Training (.128; .228) p. 335

QUALIFICATIONS PROFILE

GED: 4 5
SVP: 6 7 8

Apt:	GVN	SPQ	KFM	EC
	1 1 2	2 2 2	3 3 3	3 3
	2 2 3	3 3 3	4	4 4
				5 5

Int: 4 5 6 7
Temp: 4 5 7 9 0
Phys. Dem: L M 4 5 6

09 **EDUCATION**

096. **Home Economics, Agriculture, and Related Education**

096.128 COUNTY-AGRICULTURAL AGENT (gov. ser.)
COUNTY HOME-DEMONSTRATION AGENT (gov. ser.)
EXTENSION SERVICE SPECIALIST (gov. ser.)
FEED AND FARM MANAGEMENT ADVISOR (ret. tr.)
FOUR-H CLUB AGENT (education)
HOME ECONOMIST (profess. & kin.)
HOME ECONOMIST, CONSUMER SERVICE (profess. & kin.)

097. **Vocational Education, n.e.c.**

097.228 APPRENTICE TEACHER, HEAD (eduation)
INSTRUCTOR, VOCATIONAL TRAINING (education)

42 **MISCELLANEOUS FARMING AND RELATED WORK**

429. **Miscellaneous Farming and Related Work, n.e.c.**

429.228 POULTRYMAN, TECHNICAL ADVISOR (agric.)

FLIGHT AND RELATED TRAINING

.168; .228; .268

Work Performed

Work activities in this group primarily involve training and evaluating the proficiency of airplane pilots. Typical activities include teaching flying techniques, giving flying proficiency tests, and administering various oral and written examinations.

Worker Requirements

An occupationally significant combination of: Eye-hand-foot coordination; spatial and form perception; mentality and interest sufficient to acquire necessary vocational background; ability to communicate ideas to people; and an analytical mind to organize facts in answering students' questions and plan programs of instruction.

Clues for Relating Applicants and Requirements

Experience as pilot.
Subscriptions to aviation magazines.
Expressed preference for public contact work.

Training and Methods of Entry

An extensive background of flying experience is usually required for entry into this kind of work. Some activities require the possession of multiengine pilot licenses, issued by the Federal Aviation Agency.

RELATED CLASSIFICATIONS

Transportation Service Work (.363; .364; .463) p. 519
Driving-Operating (.883) p. 444
Transporting and Test Driving (.283; .383) p. 422

QUALIFICATIONS PROFILE

GED: 3 5 6
SVP: 3 6 8

Apt:	GVN	SPQ	KFM	EC
	2 2 3	2 2 3	3 3 3	2 3
	3 3 4	3 3	4 4	3 4

Int: 4 5 6
Temp: 1 4 5 8 9 0 Y
Phys. Dem: L 4 5 6

09 **EDUCATION**
097. **Vocational Education, n.e.c.**
097.228 GROUND INSTRUCTOR, ADVANCED (education)
GROUND INSTRUCTOR, BASIC (education)
GROUND INSTRUCTOR, INSTRUMENT (education)
19 **MISCELLANEOUS PROFESSIONAL, TECHNICAL, AND MANAGERIAL WORK**
196. **Airplane Piloting and Navigating**
196.168 FLIGHT-OPERATIONS INSPECTOR (gov. ser.)
SUPERVISING AIRPLANE PILOT (gov. ser.)
196.228 INSTRUCTOR, FLYING (education)
INSTRUCTOR, PILOT (air trans.)
196.268 CHECK PILOT (air trans.)

HIGH SCHOOL, COLLEGE, UNIVERSITY, AND RELATED EDUCATION

.228

Work Performed

Work activities in this group primarily involve teaching academic or commercial subjects at any of the levels ranging from high school through college and graduate school. The subjects usually are part of an established educational curriculum, and a majority of workers perform as members of staffs. Tutoring individuals or groups in specific academic or commercial subjects in either an academic or nonacademic environment occasionally is involved.

Worker Requirements

An occupationally significant combination of: Interest in people and ability to communicate ideas; intellectual capacity sufficient to acquire necesary background in subject matter area and in teaching techniques; organizational ability to present facts in answering students' questions and plan programs of instruction; and perception for clerical detail.

Clues for Relating Applicants and Requirements

Expressed preference for public contact work.
Academic success in college.
Proficiency in expressing ideas verbally.
Active participation in extracurricular activities.
Experience assisting instructors in course work.

Training and Methods of Entry

State certification is necessary for secondary school teaching. Minimum qualifications for certification is a bachelor's degree. Many States require an additional half year of education courses, including student teaching, before certification. Teaching at a college or university level requires the minimum of a master's degree, with many institutions requiring a doctorate for entry. Opportunities for teaching at the university level are also available in the form of teaching assistantships.

RELATED CLASSIFICATIONS

Guidance and Counseling (.108; .208) p. 296
Kindergarten, Elementary School, and Related Education (.228) p. 343
Physical Education (.228) p. 347
Vocational Education (.128; .228) p. 337
Instructive Work, Fine Arts, Theater, Music, and Related Fields (.028) p. 226

QUALIFICATIONS PROFILE

GED: 4 5 6
SVP: 7 8 9

Apt:	GVN	SPQ	KFM	EC
	1 1 1	3 3 3	3 3 3	4 4
	2 2 2	4 4 4	4 4 4	5 5
	3	2		3

Int: 4 5 6
Temp: 4 5 7 9 0
Phys. Dem: S L 4 5

09 **EDUCATION**

090. **College and University Education**

090.228 FACULTY MEMBER, COLLEGE OR UNIVERSITY (education)
INSTRUCTOR, EXTENSION WORK (education)
TEACHER, NORMAL SCHOOL (education)
INSTRUCTOR, MILITARY SCIENCE (education)
TEACHER, TECHNICAL EDUCATION (education)

091. **Secondary School Education**

091.228 EDUCATIONAL THERAPIST (education)
TEACHER, SECONDARY SCHOOL (education)
TEACHER, INDUSTRIAL ARTS (education)
TEACHER, SPEECH (education)

094. **Education of the Handicapped**

094.228 TEACHER, BLIND (education)
TEACHER, DEAF (education)
094.228 TEACHER, MENTALLY RETARDED (education)
Con.

099. **Education, n.e.c.**

099.228 INSTRUCTOR, CORRESPONDENCE SCHOOL (education)
PARK NATURALIST (gov. ser.)
TEACHER, ADULT EDUCATION (education)
TUTOR (education)

KINDERGARTEN, ELEMENTARY SCHOOL, AND RELATED EDUCATION

.228

Work Performed

Work activities in this group primarily involve teaching a variety of subjects in a kindergarten, nursery school, or elementary school. The subjects taught range from simple tasks, songs, games, discipline, cleanliness, and cooperation, to English, arithmetic, reading, geography, and history. Evaluating the learning abilities of the students in relation to the subject matter and determining the method, amount, complexity, and kind of instruction which will achieve maximum progress are involved. While most teaching occurs in public or private schools, some is conducted in private homes.

Worker Requirements

An occupationally significant combination of: Interest in working with children and ability to communicate with them; intellectual capacity sufficient to acquire necessary academic background and teaching techniques; organizational ability to present facts when answering students' questions and plan programs of instruction; arithmetic ability; and perception for clerical detail.

Clues for Relating Applicants and Requirements

Expressed preference for public contact work.
Experience assisting in playground.
Success in pertinent academic subjects, such as education.
Experience babysitting.
Proficiency in expressing ideas verbally.

Training and Methods of Entry

State certification is necessary for kindergarten and elementary school teaching. Minimum qualification for certification in most States is 4 years college preparation, including student teaching. A few States require only 2 years of college.

RELATED CLASSIFICATIONS

Guidance and Counseling (.108; .208) p. 296
High School, College, University, and Related Education (.228) p. 341
Child and Adult Care (.878) p. 479

QUALIFICATIONS PROFILE

GED: 5
SVP: 6 7

Apt:	GVN	SPQ	KFM	EC
	2 2 3	3 3 3	3 3 3	4 4
	4	4 4 4	4 4 4	5 5
	2	2		

Int: 4 5 6
Temp: 4 5 9
Phys. Dem: L 4 5

09 **EDUCATION**
092. **Primary School and Kindergarten Education**
092.228 TEACHER, ELEMENTARY SCHOOL (education)
TEACHER, KINDERGARTEN (education)
094. **Education of the Handicapped**
094.228 TEACHER, HANDICAPPED CHILDREN (education)
099. **Education, n.e.c.**
099.228 GOVERNESS (dom. ser.)

MISCELLANEOUS INSTRUCTIVE WORK

.228

Work Performed

Work activities in this group primarily involve teaching a wide variety of recreational and similar activities. Subjects of instruction range from sedentary pursuits, such as bridge, to activities requiring extensive physical effort, such as baton twirling.

Worker Requirements

An occupationally significant combination of: Ability to communicate ideas and relate to people; capacity sufficient to acquire necessary experience and teaching techniques; analytical mind to organize and apply knowledge; and eye-hand-foot coordination in applicable instances.

Clues for Relating Applicants and Requirements

Expressed preference for public-contact work.
Subscriptions to sport and hobby magazines.
Strong interest and experience in recreational activities.

Training and Methods of Entry

A strong background in a recreational specialty is usually essential for entry into this group. Most often the worker and the opportunity seek each other out. Opportunities in this phase of instructive work have grown in recent years because of the overall increase in available leisure time. Depending upon the state of the economy, opportunities are likely to increase even more in the future as individuals seize the opportunity to cater to the desire of the general public to find something diverting and productive to do with their free time.

RELATED CLASSIFICATIONS

Physical Education (.228) p. 347
Kindergarten, Elementary School, and Related Education (.228) p. 343
Rhythmics (.048) p. 398
Miscellaneous Amusement and Recreation Work (.268; .368; .468) p. 404

QUALIFICATIONS PROFILE

GED: 3 4 5
SVP: 6 7 8
Apt: GVN SPQ KFM EC
223 334 333 23
334 34
5
Int: 2 4 6
Temp: 1 4 5
Phys. Dem: S L M 2 3 4 5 6

09 **EDUCATION**
099. **Education, n.e.c.**
099.228 INSTRUCTOR, AUTO DRIVING (education)
INSTRUCTION, CHARM COURSE (education)
15 **ENTERTAINMENT AND RECREATION**
159. **Entertainment and Recreation, n.e.c.**
159.228 COUNSELOR, CAMP (profess. & kin.)
INSTRUCTOR, BATON TWIRLING (amuse. & rec.)
INSTRUCTOR, BRIDGE (education)
19 **MISCELLANEOUS PROFESSIONAL, TECHNICAL, AND MANAGERIAL WORK**
195. **Social and Welfare Work**
195.228 PROGRAM AID, GROUP WORK (profess. & kin.)
RECREATION LEADER (profess. & kin.)
43 **FISHERY AND RELATED WORK**
439. **Fishery and Related Work, n.e.c.**
439.228 INSTRUCTOR, FISHING (education)

PHYSICAL EDUCATION

.228

Work Performed

Work activities in this group primarily involve instructing others in the principles of physical development and techniques for utilizing specialized skills in swimming, boxing, gymnastics, and other sports; and conducting physical training and sports programs for schools, camps, and playgrounds. Evaluating the abilities of the student in relation to course or activity, and consequently determining the best training methods to use in order to achieve maximum progress are important considerations.

Worker Requirements

An occupationally significant combination of: Ability to comprehend required educational courses; organizational ability to plan, prepare for, and/or officiate in games and competitions; ability to deal with varied personalities; manual and finger dexterity; eye-hand-foot coordination; verbal ability to communicate ideas and instructions to students or players; and physical strength, agility, or stamina.

Clues for Relating Applicants and Requirements

Good physical condition.
Subscriptions to sport magazines.
Participation on high school or college athletic team.
Experience as lifeguard.
Hobbies, such as hiking, swimming, or golf.

Training and Methods of Entry

State certification is necessary for secondary school teaching. Minimum qualification for certification is a bachelor's degree. Many States require an additional semester of education courses, including student teaching, before certification. A master's degree is the minimum requirement for entry into college or university teaching. Coaching athletics in a secondary school or university usually requires a background of successful performance or experience in assistant coaching in a particular sport. Coaching positions occur at the scholastic, amateur, and professional levels. Physical education instruction is generally prevalent in a scholastic environment.

RELATED CLASSIFICATIONS

Rhythmics (.048) p. 398
High School, College, University, and Related Education (.228) p. 341
Kindergarten, Elementary School, and Related Education (.228) p. 343
Amusement and Entertainment Work, Physical (.248; .348) p. 402

QUALIFICATIONS PROFILE

GED: 4 5
SVP: 7 8

Apt:	GVN	SPQ	KFM	EC
	2 2 3	4 4 4	2 2 2	2 4
	4		3 3 3	3 5

Int: 4 5 6
Temp: 4 5 9 0
Phys. Dem: L M H 2 3 4 5 6

09 **EDUCATION**
099. **Education, n.e.c.**
099.228 ATHLETIC COACH (education)
15 **ENTERTAINMENT AND RECREATION**
153. **Athletics and Sports**
153.228 ATHLETIC TRAINER (amuse. & rec.)
BOWLING INSTRUCTOR (amuse. & rec.)
COACH, PROFESSIONAL ATHLETES (amuse. & rec.)
GOLF PROFESSIONAL (amuse. & rec.; education)
INSTRUCTOR, ICE SKATING (amuse. & rec.)
INSTRUCTOR, JUDO (education)
INSTRUCTOR, PHYSICAL (education)
INSTRUCTOR, PHYSICAL EDUCATION (education)
INSTRUCTOR, RIDING (education)
INSTRUCTOR, SWIMMING (education)
SKI INSTRUCTOR (amuse. & rec.)

TRAINING SERVICES

.228

Work Performed

Work activities in this group primarily involve providing orientation and training in performance fundamentals to both new and regular employees of an organization, and following up the initial training with progress observation and testing in order to improve the level of performance standards. Activities typically involve the use of lectures, visual aids, demonstrations, and evaluation of trainee comprehension.

Worker Requirements

An occupationally significant combination of: Interest in communicating ideas to people; intellectual ability sufficient to acquire necessary background; and analytical ability to organize facts in answering questions and plan programs of instruction.

Clues for Relating Applicants and Requirements

Expressed preference for public-contact work.
Proficiency in expressing ideas verbally.
Successful experience in general personnel relations work.

Training and Methods of Entry

A background in personnel relations work usually is desired. Most employers prefer that an applicant have a B.A. or M.A. in personnel administration or some related field.

RELATED CLASSIFICATIONS

Business Training (.228) p. 241
Consultative and Business Services (.168; .268) p. 248
Vocational Education (.128; .228) p. 337

QUALIFICATIONS PROFILE

GED: 5
SVP: 6 7 8
Apt: GVN SPQ KFM EC
112 333 333 34
3 444 444 55

Int: 2 5 6
Temp: 1 4 5 9 0
Phys. Dem: S L M 2 4 5 6

16 **ADMINISTRATIVE SPECIALTIES**
166. **Personnel and Training Administration**
166.228 SUPERVISOR, TRAINING (education)
TRAINING REPRESENTATIVE (education)

ANIMAL TRAINING

.228; .328

Work Performed

Work activities in this group primarily involve training animals for a variety of purposes. Typical activities include training animals to perform in amusement events, disciplining domestic animals, and training dogs to serve as guards and as guide dogs for the blind.

Worker Requirements

An occupationally significant combination of: A liking for animals; ability to understand the behavior and reactions of animals; finger and hand dexterity; motor coordination; eye-hand-foot coordination; physical stamina; and interest in outdoor work.

Clues for Relating Applicants and Requirements

Fondness for animals.
Collection of books on animal lore.
Subscriptions to outdoor magazines.
Membership in 4–H Club.

Training and Methods of Entry

Entry into this type of work varies according to the kind of animal involved. Trainers of marine animals are usually required to have completed courses in comparative psychology. Wild-animal trainers frequently learn their techniques while working around animals at a circus, and horse trainers usually get their start working at racing stables. Dog trainers usually begin by assisting in kennels, and then going on to training responsibilities when they exhibit an interest and ability in training.

RELATED CLASSIFICATIONS

Animal Care (.874; .877) p. 511
Cropping, Animal Farming, Gardening, and Related Work (.181) p. 411

QUALIFICATIONS PROFILE

GED: 4 5
SVP: 5 6 7
Apt: GVN SPQ KFM EC
233 344 333 35
344 45 444 4
5

Int: 3 4 6
Temp: 4 5 8 9 0
Phys. Dem: L M 2 3 4 5 6

15 **ENTERTAINMENT AND RECREATION**
153. **Athletics and Sports**
153.228 HORSE TRAINER (amuse. & rec.) I
159. **Entertainment and Recreation, n.e.c.**
159.228 DOG TRAINER (amuse. & rec.)
HORSE TRAINER (amuse. & rec.) II
MARINE-MAMMAL TRAINER (amuse. & rec.)
WILD-ANIMAL TRAINER (amuse. & rec.)
159.328 MARINE-MAMMAL HANDLER (amuse. & rec.)
34 **AMUSEMENT AND RECREATION SERVICES**
349. **Amusement and Recreation Services, n.e.c.**
349.228 PONY-RIDE OPERATOR (amuse. & rec.)

ELEMENTAL WORK

Page
.868 Signaling and Related Work 354
.886 Feeding-Offbearing 356
.887 Handling 360

SIGNALING AND RELATED WORK

.868

Work Performed

Work activities in this group primarily involve giving directional or warning signals to pedestrians and operators of transportation and materials-handling machines and equipment by means of gestures, signs, lights, sounds, and other devices.

Worker Requirements

An occupationally significant combination of: Ability to follow precise instructions; a sense of responsibility for the safety of people and materials; alertness; and the stamina to remain standing for long periods.

Clues for Relating Applicants Requirements

Lack of interest in intellectual pursuits.
Participation or interest in outdoor activities.
Good health.
Liking for work of an unvarying nature.

Training and Methods of Entry

Short demonstrations and on-the-job training are the usual means by which a person becomes familiar with work of this kind.

RELATED CLASSIFICATIONS

Miscellaneous Personal Service Work (Food Serving, Portering, Valeting, and Related Activities) (.868; .878) p. 507
Accommodating Work (.868) p. 505
Protecting and Related Work (.868; .878) p. 427
Ushering, Messenger Service, and Related Work (.868; .878) p. 509

QUALIFICATIONS PROFILE

GED: 2
SVP: 2

Apt:	GVN	SPQ	KFM	EC
	4 4 4	4 4 5	4 4 4	5 5
	3			

Int: 1 3
Temp: 2 3
Phys. Dem: L 4

37	**PROTECTIVE SERVICES**
371.	**Bridge Tending and Crossing Guard Services**
371.868	SCHOOL-CROSSING GUARD (gov. ser.)
	WATCHMAN, CROSSING (any ind.)
372.	**Guard and Related Services**
372.868	FLAGMAN (const.)
86	**CONSTRUCTION WORK, N.E.C.**
869.	**Miscellaneous Construction Work, n.e.c.**
869.868	SIGNALMAN (const.)
91	**TRANSPORTATION WORK, N.E.C.**
910.	**Railroad Transportation**
910.868	FIREMAN, YARD (r.r. trans.)
911.	**Water Transportation**
911.868	HATCH TENDER (water trans.)
94	**LOGGING**
949.	**Logging, n.e.c.**
949.868	WHISTLE PUNK (logging)

FEEDING—OFFBEARING

.886

Work Performed

Work activities in this group primarily involve inserting, throwing, dumping, or placing materials in or removing them from machines or equipment which are automatic or tended or operated by other workers. Assignments are made by a supervisor who gives simple instructions and makes clarifications or suggestions if necessary.

Worker Requirements

An occupationally significant combination of: Physical stamina; motor coordination to carry out standardized tasks; ability and willingness to follow instructions; and finger and hand dexterity to position, feed, or otherwise work with objects in a standardized manner.

Clues for Relating Applicants and Requirements

Expressed preference for routine factory work.
Good physical condition.
Undistinguished scholastic record.

Training and Methods of Entry

Employers usually do not require any previous training. Workers are generally expected to reach normal production within a month after a demonstration or explanation of the tasks involved. The most important hiring factor is the ability of the applicant to meet the motor coordination, manual dexterity, and strength requirements, which will vary, of course, from job to job. Personal characteristics very often play a significant part. An employer usually will have much latitude in engaging people because of the nature of the work and the fact that many applicants usually can qualify for it. He will frequently be influenced by an applicant's record of reliability, honesty, and industry. These factors are also taken into consideration when it is decided who will receive training in more complex work and who will be promoted.

RELATED CLASSIFICATIONS

Handling (.887) p. 360
Driving-Operating (.883) p. 444
Manipulating (.884) p. 322
Tending (.885) p. 447

QUALIFICATIONS PROFILE

GED: 1 2
SVP: 2 1

Apt:	GVN	SPQ	KFM	EC
	4 4 5	4 4 5	4 4 4	5 5
	4	4	3 3	4 4

Int: 3 1
Temp: 3 2
Phys. Dem: S L M H 4 3 6

36 **APPAREL AND FURNISHINGS SERVICES**
361. **Laundering Service**
361.886 WASHER HELPER, MACHINE (laund.)
WASHING-MACHINE LOADER AND PULLER (laund.)
362. **Dry Cleaning Service**
362.886 DRY-CLEANER HELPER (clean., dye., & press.)
HAT CLEANER (clean., dye., & press.)
RUG-CLEANER HELPER (clean., dye., & press.)
363. **Pressing Service**
363.886 FLATWORK FINISHER (laund.)
369. **Apparel and Furnishings Services, n.e.c.**
369.886 FOLDING-MACHINE OPERATOR (laund.)
40 **PLANT FARMING**
403. **Vegetable Farming**
403.886 SEED CUTTER (agric.)
41 **ANIMAL FARMING**
412. **Poultry Farming**
412.886 EGG-WASHING-MACHINE OPERATOR (agric.)
42 **MISCELLANEOUS FARMING AND RELATED WORK**
424. **Farm Machinery Operating, n.e.c.**
424.886 CHOPPER OPERATOR, STATIONARY (agric.)
50 **METAL PROCESSING**
500. **Electroplating**
500.886 LABORER, ELECTROPLATING (electroplating)
PLATE-TAKE-OUT MAN (elec. equip.)
502. **Melting, Pouring, Casting, and Related Work**
502.886 CASTING-MACHINE-OPERATOR HELPER (elec. equip.)
MIXER OPERATOR HELPER, HOT METAL (iron & steel)
503. **Pickling, Cleaning, Degreasing, and Related Work**
503.886 PICKLER HELPER, CONTINUOUS PICKLING LINE (any ind.)
504. **Heat Treating**
504.886 CHARGER OPERATOR HELPER (iron & steel)
FURNACE HELPER (nonfer. metal alloys)
HARDENER HELPER (clock & watch)
505. **Metal Spraying, Coating, and Related Work**
505.886 COMPOUND-COATING MACHINE OFF-BEARER (tinware)
WAX-SPRAYING-MACHINE OPERATOR (drug. prep. & rel. prod.; soap)
509. **Metal Processing, n.e.c.**
509.886 LABORER, GENERAL (iron & steel)
SCRAP SORTER (nonfer. metal alloys)
51 **ORE REFINING AND FOUNDRY WORK**
511. **Separating, Filtering, and Related Work**
511.886 REAGENT-MAN HELPER (ore dress., smelt., & refin.)
512. **Melting**
512.886 CUPOLA CHARGER (found.)
FURNACE HELPER (nonfer. metal alloys; ore dress., smelt., & refin.)
PIG-MACHINE-OPERATOR HELPER (iron & steel)
519. **Ore Refining and Foundry Work, n.e.c.**
519.886 LABORER, GENERAL (nonfer. metal alloys)
TOP-PRECIPITATOR OPERATOR HELPER (ore dress., smelt., & refin.)
52 **PROCESSING, FOOD AND RELATED PRODUCTS**
520. **Mixing, Compounding, Blending, Kneading, Shaping, and Related Work**
520.886 BALL-MACHINE OPERATOR (confection.)
COFFEE DUMPER (food prep., n.e.c.)
DESSERT-CUP-MACHINE FEEDER (bake. prod.)
DRY-FLAVORING MAN (tobacco)
FEED-MIXER HELPER (grain & feed mill.)
FLOUR-BLENDER HELPER (grain & feed mill.)
GLUCOSE-AND-SIRUP WEIGHER (chew. gum)
MASHING HAND (tobacco)
MOLDING-MACHINE-OPERATOR HELPER (confection.)
PLUG SHAPER, MACHINE (tobacco)
SNUFF-BLENDING-MACHINE-OPERATOR HELPER (tobacco)
521. **Separating, Crushing, Milling, Chopping, Grinding, and Related Work**
521.886 BOLTER HELPER (grain & feed mill.)
CAKE PULLER (oils & fats)
CHICLE-GRINDER FEEDER (chew. gum)
COTTON PULLER (oils & fats)
521.886 Con. CUSTOM-FEED-MILL-OPERATOR HELPER (grain & feed mill.)
CUT-IN MAN (grain & feed mill.)
FISH-MACHINE FEEDER (can. & preserv.)
FLUMER (corn prod.)
FLUMER (sugar) II
NUT CHOPPER (confection.; food prep., n.e.c.; nut process).
PROCESSOR HELPER (grain & feed mill.)
SCRAP SORTER (tobacco) II
SLICE-PLUG-CUTTER-OPERATOR HELPER (tobacco)
522. **Culturing, Melting, Fermenting, Distilling, Saturating, Pickling, Aging, and Related Work**
522.886 CHIPMAN (malt liquors)
GENERAL HELPER (food prep., n.e.c.)
523. **Heating, Rendering, Melting, Drying, Cooling, Freezing, and Related Work**
523.886 COCOA-BEAN-ROASTER HELPER (choc. & cocoa)
OVEN TENDER (tobacco)
TEXTILE-DRIER-OVEN FEEDER (tobacco)
524. **Coating, Icing, Decorating, and Related Work**
524.886 ENROBING-MACHINE FEEDER (confection.)
NOVELTY WORKER (dairy prod.)
525. **Slaughtering, Breaking, Curing, and Related Work**
525.886 CASING CLEANER (slaught. & meat pack.)
SKINNING-MACHINE FEEDER (slaught. & meat pack.)
526. **Cooking and Baking, n.e.c.**
526.886 BAKER HELPER (bake. prod.)
OVENMAN HELPER (bake. prod.; cereal) IV
529. **Processing, Food, and Related Products, n.e.c.**
529.886 CANNERY WORKER (can. & preserv.)
CIGARETTE-MAKING-MACHINE-HOPPER FEEDER (tobacco)
DAIRY HELPER (dairy prod.)
FACTORY HELPER (confection.)
FILLER FEEDER (tobacco)
FLOORMAN (tobacco) II
HANGER (tobacco)
RACK-OFF MAN (tobacco)
THRESHING-MACHINE-CONVEYOR FEEDER (tobacco)
TURKISH PICKER (tobacco)
GENERAL HELPER (choc. & cocoa)
LABORER, CHEESEMAKING (dairy prod.)
LABORER, PIE BAKERY (bake. prod.)
LABORER, SHELLFISH PROCESSING (can. & preserv.)
LONG-GOODS HELPER, MACHINE (macaroni & rel. prod.)
NUT-PROCESS HELPER (nut process.)
PRODUCTION HELPER (food prep., n.e.c.) I
RAW-CHEESE WORKER (dairy prod.)
STEAK-TENDERIZER, MACHINE (slaught. & meat pack.)
UTILITY GIRL (chew. gum)
53 **PROCESSING, PAPER AND RELATED MATERIALS**
530. **Grinding, Beating, and Mixing**
530.886 LOADER, MAGAZINE GRINDER (paper & pulp)
RAG CUTTER (paper & pulp)
WASTE-PAPER-HAMMERMILL OPERATOR (paper goods)
532. **Cooking and Drying**
532.886 DIGESTER-OPERATOR HELPER (paper & pulp; wallboard)
PAPER-CONE-DRYING-MACHINE OPERATOR (paper goods)
533. **Cooling, Bleaching, Screening, Washing, and Related Work**
533.886 MOISTENER (button)
534. **Calendering, Sizing, Coating, and Related Work**
534.886 COATING-MACHINE-OPERATOR HELPER (paper & pulp; wallpaper)
COMBINER-OPERATOR HELPER (paper & pulp; paper goods)
WAXING-MACHINE-OPERATOR HELPER (paper goods)
539. **Processing, Paper and Related Materials, n.e.c.**
539.886 BROKE MAN (paper & pulp)
CUTTERMAN, WET MACHINE (paper & pulp)
PLATING-MACHINE OPERATOR (paper & pulp)
54 **PROCESSING, PETROLEUM AND RELATED PRODUCTS**
540. **Mixing and Blending**
540.886 BRIQUETTE-MACHINE-OPERATOR HELPER (fuel briquettes)
COMPOUNDER HELPER (petrol. refin.)
542. **Distilling, Subliming, and Carbonizing**
542.886 FURNACE UNLOADER (elec. equip.)
549. **Processing, Petroleum and Related Products, n.e.c.**
549.886 FELT HANGER (roof. materials)
RETORT UNLOADER (wood distil. & charc.)
55 **PROCESSING, CHEMICALS AND RELATED PRODUCTS**
550. **Mixing and Blending**
550.886 BANBURY-MIXER-OPERATOR HELPER (any ind.)
BATCH TRUCKER (rubber reclaim.)
CRUTCHER HELPER (soap)
GLAZING OPERATOR, BLACK POWDER (ammunition; explosives)
ROOF-CEMENT-AND-PAINT MAKER HELPER (roof. materials)
STRICKLER FEEDER (linoleum)
551. **Filtering, Straining, and Separating**
551.886 EXTRACTOR LOADER AND UNLOADER (glue)
HOPPER MAN (grease & tallow)
PITCH WORKER (optical goods)
SCRAP GRINDER (rubber goods)
552. **Distilling**
552.886 DECKHAND (turp. & rosin) I
EXTRACTOR-OPERATOR HELPER (wood distil. & charc.)
553. **Heating, Baking, Seasoning, Melting, and Heat Treating**
553.886 BELT-PRESS-OPERATOR HELPER (rubber goods)
BONE-CHAR OPERATOR (bone, carbon, & lampblack; grain & feed mill.)
CALCINE-FURNACE-MAN HELPER (paint & varn.)
CD MIXER HELPER (rubber reclaim.)
DRIER MAN (rubber goods)
DRIER-OPERATOR HELPER (rubber reclaim.)
FRAME FEEDER (glue)
OVEN LOADER (rubber goods)
ROTARY-DRIER FEEDER (chem.)
VAPORIZER HELPER (plastics mat.)
VARNISH-MAKER HELPER (ink; paint & varn.)
554. **Coating, Calendering, Laminating, and Finishing**
554.886 CALENDER FEEDER (rubber goods)
CALENDER-LET-OFF HELPER (rubber goods; rubber tire & tube)
CALENDER-OPERATOR HELPER (rubber goods; rubber tire & tube)
CALENDER-TAKE-OFF MAN (rubber goods)
CALENDER-WIND-UP-MAN HELPER (rubber goods; rubber tire and tube)
COATING-MACHINE FEEDER (leather prod.)
FINISHER (plastics mat.)
TAKE-OFF GIRL (rubber goods)
555. **Grinding and Crushing**
555.886 BEAD PICKER (rubber reclaim.)
BLOCK-BREAKER OPERATOR (explosives)
CAKE-PRESS-OPERATOR HELPER (plastics mat.)
COPRA GRINDER (soap)
SOAP CHIPPER (soap)
556. **Casting and Molding, n.e.c.**
556.886 ARCH-CUSHION-PRESS LOADER-AND-UNLOADER (rubber goods)
CELL STRIPPER (plastics mat.)
MOLD STRIPPER (rubber goods)
PADDED-PRODUCTS CUREMAN (rubber goods)
STRIPPER (rubber goods)
SUPPOSITORY - MOLDING - MACHINE OPERATOR (drug. prep. & rel. prod.)
WEATHERSTRIP-TAKE-OFF MAN (rubber goods)
558. **Reacting, n.e.c.**
558.886 BLEACH PACKER (chem.)
DEVULCANIZER CHARGER (rubber reclaim.)
FURNACE HELPER (chem.)
RING - ROLLING - MACHINE - OPERATOR HELPER (rubber goods)
559. **Processing, Chemicals and Related Products, n.e.c.**
559.886 CATALYST - OPERATOR HELPER, GASOLINE (chem.; petrol. refin.)
COMPOUND WORKER (phonograph)

559.886 Con. DYNAMITE-PACKING-MACHINE FEEDER (explosives)
HOSE-TUBING BACKER (rubber goods)
LABORER (drug. prep. & rcl. prod.)
LABORER, VAT HOUSE (glue)
OVEN UNLOADER (rubber goods)
PLANISHING-PRESS-OPERATOR HELPER (plastics mat.)
REROLL MAN (rubber goods)
SKIN-FORMER HELPER (rubber goods)
SLABBER (soap)
TESTING-MACHINE FEEDER (rubber goods)
TIRE LAYER AND EXTRACTOR (rubber tire & tube)
TIRE-TRIMMING-MACHINE FEEDER (rubber tire & tube)
TOWERMAN (paper & pulp)

56 **PROCESSING, WOOD AND WOOD PRODUCTS**

561. **Wood Preserving and Related Work**
561.886 LABORER, WOOD PRESERVING PLANT (wood preserving)

562. **Saturating and Related Work, n.e.c.**
562.886 STEAM-TUNNEL FEEDER (sawmill) II

569. **Processing, Wood and Wood Products, n.e.c.**
569.886 CORK-PRESSING-MACHINE OPERATOR (cork prod.)
LABORER, HOT-PLATE VENEER PRESS (veneer & plywood)
PAD-MACHINE FEEDER (excelsior)

57 **PROCESSING, NONMETALLIC MINERALS AND RELATED PRODUCTS**

570. **Crushing, Grinding, and Mixing**
570.886 ABRASIVE-GRADER HELPER (optical goods)
ABRASIVE-MIXER HELPER (abrasive & polish. prod.)
PREPARATION-ROOM WORKER (asbestos prod.)
SKIP TENDER, CONCRETE MIXING OR BATCH PLANT (const.)

572. **Melting**
572.886 CUPOLA CHARGER, INSULATION (wallboard)

573. **Baking, Drying, and Heat Treating**
573.886 FUSING-FURNACE LOADER (optical goods)
GLASS-VIAL-BENDING-CONVEYOR FEEDER (cut. tools)
HACKER (brick & tile)
KILN PLACER (pottery & porc.)

574. **Impregnating, Coating, and Glazing**
574.886 SPRAY-MACHINE LOADER (pottery & porc.)

575. **Forming**
575.886 DRY-PRESS-OPERATOR HELPER (brick & tile)
MOLDER HELPER (optical goods)
PIN MAKER (pottery & porc.)

579. **Processing, Nonmetallic Minerals and Related Products, n.e.c.**
579.886 LABORER, CONCRETE PLANT (conc. prod.)
MAT PACKER (wallboard)
MIRROR-MACHINE FEEDER (mirror)
OFF-BEARER, SEWER PIPE (brick & tile)

58 **PROCESSING, LEATHER AND TEXTILES**

581. **Separating, Filtering, and Drying**
581.886 BLOW MAN, DYED RAW STOCK (textile)
DRIER (garment)
DRIER(hosiery; knit goods)
DRYING-OVEN ATTENDANT (hat & cap)
DRYING-RACK CHANGER (boot & shoe)
DRYING-UNIT-FELTING-MACHINE-OPERATOR HELPER (felt goods)
DUST-MILL OPERATOR (house furn.)
FEATHER-DRYING-MACHINE OPERATOR (house furn.)
TRAY DRIER (hosiery)
WET-COTTON FEEDER (textile)

582. **Washing, Steaming, and Saturating**
582.886 BACK TENDER (garment; knit goods; textile)
BLEACHER HELPER (knit goods)
BOIL-OFF-POT-OPERATOR HELPER (textile)
DRUM-PRINTER HELPER (textile)
DYE-HOUSE WORKER (fur dressing)
DYE-REEL-OPERATOR HELPER (knit goods)
FIRST-BREAKER FEEDER (cord. & twine)
RAW-STOCK TUBMAN (textile)
SLASHER-TENDER HELPER (textile)
STARCHER, MACHINE (garment)
TOP-DYEING-MACHINE LOADER (felt goods; textile)
TUBE HANDLER (textile)
WARP COILER (carpet & rug; textile)
582.886 Con. YARN-WASHING-AND-BLEACHING-MACHINE-OPERATOR HELPER (textile)

583. **Ironing, Pressing, Glazing, Staking, Calendering, and Embossing**
583.886 BEAD-MACHINE OPERATOR (hat & cap)
GLOVER TURNER AND FORMER, AUTOMATIC (glove & mit.)
HYDRAULIC-PRESS-OPERATOR HELPER (felt goods)
MANGLE-PRESS CATCHER (knit goods; textile)
OUTSOLE FLEXER (boot & shoe)
PILLOWCASE TURNER (textile)
PRESS FEEDER (garment; knit goods)

584. **Mercerizing, Coating, and Laminating**
584.886 PLISSÉ-MACHINE-OPERATOR HELPER (textile)
YARN-MERCERIZER-OPERATOR HELPER (textile)

585. **Singeing, Cutting, Shearing, Shaving, and Napping**
585.886 RUG CUTTER HELPER (fiber rugs)

586. **Felting and Fulling**
586.886 FELTING-MACHINE-OPERATOR HELPER (felt goods)
HAT-FORMING-MACHINE FEEDER (hat & cap)
MACHINE HELPER (felt goods)

587. **Brushing and Shrinking**
587.886 HEBDON-MACHINE-SPONGER HELPER (textile)
SANFORIZING-MACHINE-OPERATOR HELPER (textile)
SOCK BOARDER (hosiery)

589. **Processing, Leather and Textiles, n.e.c.**
589.886 CEMENTER, MACHINE APPLICATOR (boot & shoe)
CLOTH FEEDER (textile)
FEATHER-CURLING-MACHINE OPERATOR (house furn.)
LABORER, GENERAL (leather mfg.)
OPENER (hat & cap) II
PACKAGE CRIMPER (textile)
RUG INSPECTOR HELPER (felt goods)
TAKER-OFF, HEMP FIBER (cord. & twine)
TOBACCO-CLOTH RECLAIMER (waste & batting)
WASTE-MACHINE OFF-BEARER (waste & batting)

59 **PROCESSING, N.E.C.**

590. **Processing, Assorted Materials**
590.886 COATING-MACHINE-OPERATOR HELPER (linoleum)
COMPOUND FILLER (match)
GUILDER (linoleum)
HOOK LOADER (toys & games)

599. **Miscellaneous Processing, n.e.c.**
599.886 MILL-OPERATOR HELPER (any ind.)
SPRAY-UNIT FEEDER (any ind.)

60 **METAL MACHINING**

603. **Abrading**
603.886 METAL-TUBE POLISHER (furn.)
POLISHING-MACHINE-OPERATOR HELPER (any ind.)

604. **Turning**
604.886 THREADING-MACHINE FEEDER, AUTOMATIC (mach. shop)
WIRE THREADER (clock & watch)

607. **Sawing**
607.886 MAGNESIUM-MILL OPERATOR (nonfer. metal alloys.)

61 **METALWORKING, N.E.C.**

612. **Forging, n.e.c.**
612.886 SPIKE-MACHINE FEEDER (nail)

613. **Sheet and Bar Rolling**
613.886 CATCHER (iron & steel)

614. **Extruding and Drawing**
614.886 DRAW - BENCH - OPERATOR HELPER (nonfer. metal alloys)
HOPPER MAN (elec. equip.)
LEAD-PRESS-OPERATOR HELPER (rubber goods)
TESTER - OPERATOR HELPER (nonfer. metal alloys)

615. **Punching and Shearing**
615.886 HOOP-PUNCH-OPERATOR HELPER (cooperage)

617. **Metal Forming, n.e.c.**
617.886 HOOP COILER (cooperage)

619. **Miscellaneous Metalworking, n.e.c.**
619.886 AUTOMATIC STACKER (tinware)
BOILER-SHOP HELPER (boilermaking)
FORGE HELPER (forging)
HOOP-MAKER HELPER, MACHINE (cooperage)
MACHINE FEEDER (any ind.)
619.886 Con. MACHINE FEEDER (elec. equip.)
SPIKE-MACHINE HEATER (nail)
STRETCHER-LEVELER-OPERATOR HELPER (nonfer. metal alloys)

64 **PAPERWORKING**

640. **Paper Cutting, Winding, and Related Work**
640.886 CUTTERMAN HELPER (paper & pulp)

641. **Folding, Creasing, Scoring, and Gluing**
641.886 PAPER-BAG-PRESS OPERATOR (paper goods)
PRINTER-SLOTTER FEEDER (paper goods)
SCORER HELPER (paper goods)
SLEEVER (paper goods)
TUBE-MACHINE-OPERATOR HELPER (paper goods)

642. **Paper Sewing**
642.886 BAG SEWER (paper goods)

643. **Paper Corrugating**
643.886 CORRUGATOR-OPERATOR HELPER (paper goods)

649. **Paperworking, n.e.c.**
649.886 BAG-MACHINE-OPERATOR HELPER (paper goods)
FINISHING-MACHINE OPERATOR (paper goods)
SMUTTER (paper goods)

65 **PRINTING**

651. **Printing Press Work**
651.886 CYLINDER-PRESS FEEDER (print. & pub.)
LITHOGRAPHIC-PRESS-FEEDER APPRENTICE (print. & pub.)
PRESSMAN HELPER (fabric. plastics prod.)

652. **Printing Machine Work**
652.886 BASE BRANDER (electronics)
GREY-CLOTH TENDER, PRINTING (textile)
GRAINER, MACHINE (any ind.)
LOADER-UNLOADER, SCREEN-PRINTING MACHINE (textile)
RAISED PRINTER (print. & pub.)
WARE SERVER (glass mfg.)

653. **Bookbinding and Related Work**
653.886 CASING-IN-LINE FEEDER (print. & pub.)
FOLDING-MACHINE FEEDER (print. & pub.)
GATHERING-MACHINE FEEDER (print. & pub.)
PERFECT-BINDER FEEDER (print. & pub.)
STITCHING-MACHINE FEEDER (print. & pub.)

66 **WOOD MACHINING**

662. **Sanding**
662.886 END-TOUCHING-MACHINE OPERATOR (cork prod.)
MULTIPLE-DRUM-SANDER HELPER (woodworking)

663. **Shearing and Shaving**
663.886 BLOCK FEEDER (match)
CORK-TAPERING-MACHINE OPERATOR (cork prod.)
DISK CUTTER AND INSPECTOR (cork prod.)
POLE-PEELING-MACHINE-OPERATOR HELPER (sawmill; wood preserving)
SLICING-MACHINE OPERATOR (cork prod.)

665. **Milling and Planing**
665.886 STAVE-PLANER OPERATOR (sawmill)
STAVE-PLANER-OPERATOR HELPER (sawmill)

666. **Boring**
666.886 CORK-SHELLING-MACHINE OPERATOR (cork prod.)

667. **Sawing**
667.886 CLOTHESPIN-MACHINE OPERATOR (shaped wood. art.)
LOG TURNER (sawmill)
TRIMMER HELPER (sawmill)
TURNING-MACHINE-OPERATOR HELPER (basketry; cooperage)
VENEER-JOINTER HELPER (veneer & plywood)
WOODCUTTER, EXCELSIOR (excelsior)

669. **Wood Machining, n.e.c.**
669.886 BOX-BLANK-MACHINE-OPERATOR HELPER (wood. box)
CHAINMAN (plan. mill; sawmill)
REED-PRESS FEEDER (wallboard)
WOODWORKING-MACHINE FEEDER (woodworking)

67 **MACHINING, NONMETALLIC MINERALS AND RELATED MATERIALS**

673. **Abrading and Polishing**
673.886 BURR GRINDER (optical goods)
LAYER (glass mfg.)
LENS EDGER, AUTOMATIC (optical goods)
STRIPPER (glass mfg.)
WEBER-EDGER OPERATOR (glass mfg.)

677. **Chipping, Cutting, Sawing, and Related Work**

677.886 BEVELING-AND-EDGING-MACHINE-OPERATOR HELPER (glass mfg.; mirror)
SAWYER (pipe & boiler cov.)
679. Machining, Nonmetallic Minerals and Related, Materials, n.e.c.
679.886 ASBESTOS-SHINGLE SHEARING-MACHINE OPERATOR (asbestos prod.)
68 TEXTILE MACHINE WORK
680. Carding, Combing, Drawing, and Related Work
680.886 CAN BOY (textile)
MACHINE FEEDER, RAW STOCK (felt goods; house furn.; textile; waste & batting)
681. Twisting, Beaming, Warping, and Related Work
681.886 BEAMER HELPER (textile)
BEAM MAN (textile)
683. Weaving and Related Work
683.886 BATTERY LOADER (textile)
684. Hosiery Knitting
684.886 CLIPPER, MACHINE (hosiery)
685. Knitting, Except Hosiery
FRINGING-MACHINE OPERATOR (knit goods)
685.886 KNITTING-MACHINE-OPERATOR HELPER (knit goods)
686. Punching, Cutting, Forming, and Related Work
686.886 ACETONER (garment)
FELT-TIPPING-MACHINE TENDER (pen & pencil)
689. Textile Machine Work, n.e.c.
689.886 BOBBIN-CLEANING-MACHINE OPERATOR (textile)
CHOPPER MAN (waste & batting)
CLOTH DOFFER (textile)
CLOTH-SKEINING-REEL-OPERATOR HELPER (textile)
CUTTING-MACHINE OFF-BEARER (tex. bag)
DOFFER (asbestos prod.; textile)
SLUBBER DOFFER (textile)
FALES-MACHINE-OPERATOR HELPER (waste & batting)
FRAME CHANGER (textile)
HAIR-SPINNING-MACHINE OPERATOR (fur dressing)
SHUTTLE HAND (textile)
SPOOLER OPERATOR, AUTOMATIC (textile)
UTILITY-MAN, WOOLEN -MILL (textile)
69 MACHINE WORK, N.E.C.
690. Plastics, Synthetics, Rubber, and Leather Working
690.886 BEVELING-MACHINE OPERATOR (hat & cap)
BIAS-MACHINE-OPERATOR HELPER (rubber tire & tube)
CRIMPER (rubber goods)
FOLDING-MACHINE OPERATOR (hat & cap)
INJECTION-MOLDING-MACHINE OFF-BEARER (pen & pencil)
RUBBER-ROLLER GRINDER (pen & pencil)
SLASHER HELPER (plastics mat.)
SPLITTING-MACHING FEEDER (leather mfg.)
SWEATBAND-CUTTING-MACHINE OPERATOR (hat & cap)
SWEATBAND FLANGER (hat & cap)
TOGGLE-PRESS FOLDER-AND-FEEDER (rubber goods)
TUBER-MACHINE-OPERATOR HELPER (rubber goods)
691. Insulated Wire and Cable Fabricating
691.886 TWISTING-MACHINE OPERATOR (elec. equip.)
692. Fabrication of Products from Assorted Materials
692.886 ASSEMBLY-MACHINE OPERATOR (pen & pencil)
BASE REMOVER (elec. equip.)
BOX REMOVER (cork prod.)
BROOMCORN SEEDER (broom)
BULB FILLER (elec. equip.)
CARBON ROD INSERTER (elec. equip.)
CUTTER (broom)
DESIGN ASSEMBLER (linoleum)
FORMICA-TABLE-TOP-MOLDING WRAPPER (furn.)
GROOVER (any ind.)
MOUNTER (elec. equip.) I
NECKER (jewelry cases)
PASTING-MACHINE TAKE-OFF MAN (elec. equip.)
SPLICER (linoleum)
SPLITTING-MACHINE OPERATOR (house furn.)
THIRD DRY-CELL-ASSEMBLING-MACHINE TENDER (elec. equip.)
UTILITY OPERATOR, AUTOMATED DEPOSITED-CARBON-RESISTOR LINE (electronics)
WRAPPING-MACHINE TAILER (wood preserving)
694. Fabrication of Ordnance, Ammunition, and Related Products, n.e.c.
694.886 CLIP-LOADING-MACHINE FEEDER (ammunition)
71 FABRICATION AND REPAIR OF SCIENTIFIC AND MEDICAL APPARATUS, PHOTOGRAPHIC AND OPTICAL GOODS, WATCHES AND CLOCKS, AND RELATED PRODUCTS
715. Fabrication and Repair of Watches, Clocks, and Parts
715.886 FILL LOADER (clock & watch)
78 FABRICATION AND REPAIR OF TEXTILE, LEATHER, AND RELATED PRODUCTS
787. Machine Sewing, Nongarment
787.886 EMBROIDERY-MACHINE-OPERATOR HELPER (any ind.)
80 METAL FABRICATING, N.E.C.
804. Sheet Metal Work
804.886 METAL-FABRICATION-SHOP HELPER (any ind.)
81 WELDING, FLAME CUTTING, AND RELATED WORK
819. Welding, Flame Cutting, and Related Work, n.e.c.
819.886 MACHINE FEEDER (welding)
MACHINE HELPER (welding)
84 PAINTING, PLASTERING, WATERPROOFING, CEMENTING, AND RELATED WORK
849. Painting, Plastering, Waterproofing, Cementing, and Related Work, n.e.c.
849.886 PORTABLE GROUT-MIXER OPERATOR (conc. prod.; const.)
86 CONSTRUCTION WORK, N.E.C.
862. Plumbing, Gas Fitting, Steam Fitting, and Related Work
862.886 PLUGMAN (const.)
863. Asbestos and Insulation Work
863.886 PAPER LATCHER (const.)
92 PACKAGING AND MATERIALS HANDLING
920. Packaging
920.886 BANDER-AND-CELLOPHANER HELPER, MACHINE (tobacco)
920.886 CAN TURNER (tobacco)
Con. CLOTH-BAG TIER (tobacco)
COTTON-BALL BAGGER (surgical appl.)
FOLDING-MACHINE FEEDER (textile)
MASKING-MACHINE TENDER (plastics mat.)
ORDER FILLER, LINSEED OIL (oils & fats)
PACKAGING LABORER (any ind.)
PACKAGE TRAY-UP GIRL (tobacco)
PACKER FEEDER (tobacco)
PACKING-FLOOR BOY (tobacco)
PACKING-MACHINE BAG FEEDER (tobacco)
PACKING-MACHINE CAN FEEDER (tobacco)
POLY-PACKER AND HEAT SEALER (surgical appl.)
PRESS BUCKER (any ind.)
PRESSMAN, BROOMCORN (agric.)
SHEET PRESSER (textile)
SHUFFLEDOWNER (roof. materials)
SNUFF DUMPER (tobacco)
SNUFF-PACKING-MACHINE LID-FEEDER (tobacco)
SPOOLER, SEQUINS (fabric. plastics prod.)
TAKE-OFF-AND-FEED MAN, SNUFF CANS (tobacco)
TAKE-OFF MAN (nail)
TOBACCO PACKER (tobacco)
TRAY FILLER (tobacco)
WEASAND VARNISHER (tobacco)
921. Hoisting and Conveying
921.886 PONDMAN (paper & pulp; sawmill)
SARATOGA FILLER (tobacco)
922. Materials Moving and Storing, n.e.c.
922.886 CAR-DUMPER-OPERATOR HELPER (malt liquors)
DUMPER (explosives)
LOWERATOR OPERATOR (linoleum)
929. Packaging and Materials Handling, n.e.c.
929.886 BAND-TABLE MAN (agric.)
CARTON NESTER (tobacco)
CIGARETTE SALVAGER (tobacco)
CONVEYOR LOADER (slaught. & meat pack.) II
CRAYON-SORTING-MACHINE FEEDER (pen & pencil)
FEED-IN MAN (grain & feed mill.)
FILL-CHUTE OPERATOR (rubber goods)
LABELED-CONTAINER-DRIER FEEDER (tobacco)
LABORER, BAKERY (bake. prod.)
93 EXTRACTION OF MINERALS
930. Boring, Drilling, Cutting, and Related Work
930.886 CORE-DRILL-OPERATOR HELPER (any ind.)
CUTTER-OPERATOR HELPER (mining & quarrying)
DRILLER HELPER (any ind.)
94 LOGGING
949. Logging, n.e.c.
949.886 STICKERMAN (sawmill)
95 PRODUCTION AND DISTRIBUTION OF UTILITIES
951. Firing and Related Work
951.886 FUEL-HOUSE MAN (sawmill)
953. Production and Distribution of Gas
953.886 LABORER, GAS PLANT (light, heat, & power)
97 GRAPHIC ART WORK
976. Darkroom Work, n.e.c.
976.886 PHOTOGRAPH FINISHER (any ind.) I
979. Graphic Art Work, n.e.c.
979.886 PRINT-SHOP HELPER (print. & pub.)

HANDLING

.887

Work Performed

Work activities in this group primarily involve performing routine, nonmachine tasks involving little or no latitude for judgment. Adherence to rigid standards or specifications is not involved.

Worker Requirements

An occupationally significant combination of: Physical stamina; an inclination toward routine, repetitive activities; some dexterity with the fingers and hands; eye-hand coordination; form perception; and the ability and willingness to follow instructions.

Clues for Relating Applicants and Requirements

Good physical condition.
Undistinguished scholastic record.
Expressed preference for "outside" or factory work.

Training and Methods of Entry

The work is usually so elemental in nature that no previous training is required, and entry workers generally receive only a short demonstration or explanation of the tasks involved. The most important hiring factor is the ability of the applicant to meet the strength requirements which range from light to very heavy according to the job. Personal characteristics very often play a significant part. An employer usually will have much latitude in engaging people because of the nature of the work and the fact that many applicants can qualify for it. He frequently will be influenced by an applicant's record of reliability, honesty, and industry. These factors are also taken into consideration when it is decided who will receive training in more complex work and who will be promoted.

RELATED CLASSIFICATIONS

Manipulating (.884) p. 322
Tending (.885) p. 447
Feeding-Offbearing (.886) p. 356

QUALIFICATIONS PROFILE

GED: 1 2
SVP: 2 1 3
Apt: GVN SPQ KFM EC
445 445 344 55
4 534 433 44
2
Int: 3 1
Temp: 2 3
Phys. Dem: L M H V 4

22 MATERIAL AND PRODUCTION RECORDING
221. **Clerical Work, Production**
221.887 WORK GUIDER (knit goods)
223. **Stock Checking and Related Work**
223.887 CENTRAL-SUPPLY WORKER (medical ser.)
CLOTH-BIN PACKER (textile)
COTTON SAMPLER (agric.; textile)
DECAL CUTTER (pottery & porc.)
MEDICAL SUPPLY CLERK (medical ser.)
ODD-PIECE CHECKER (knit goods)
PATTERN KEEPER (wallpaper)
STOCK SUPPLIER, TYPE SOLDERERS (typewriters & parts)
224. **Weighing**
224.887 GARMENT WEIGHER (knit goods)
ROPER (agric.)
SHADOWGRAPH-WEIGHT OPERATOR (sports equip.)
TARE MAN (sugar)
WEIGHMAN (coal tar prod.)
WEIGHMAN (elec. equip.)
229. **Material and Production Recording, n.e.c.**
229.887 TICKETER (textile)
23 INFORMATION AND MESSAGE DISTRIBUTION
230. **Messenger and Related Work**
230.887 HANDBILL PASSER (any ind.)
239. **Information and Message Distribution, n.e.c.**
239.887 TELEPHONE-DIRECTORY DELIVERYMAN (bus. ser.)
24 MISCELLANEOUS CLERICAL WORK
240. **Collecting**
240.887 COLLECTOR (tel. & tel.)
249. **Miscellaneous Clerical Work, n.e.c.**
249.887 CLERK-DRAFTSMAN (clerical)
CUTTER, PRESS CLIPPINGS (bus. ser.)
NEWSPAPER INSERTER (print. & pub.)
29 MISCELLANEOUS MERCHANDISING WORK
292. **Route Work**
292.887 SALESMAN-DRIVER HELPER (any ind.)
298. **Display Work**
298.887 BILLPOSTER (any ind.)
299. **Miscellaneous Merchandising Work, n.e.c.**
299.887 CARPET-LAYER HELPER (ret. tr.)
CLOCK OPERATOR, TOBACCO AUCTION (whole. tr.)
COAL HIKER (ret. tr.)
PORTER, SAMPLE CASE (whole. tr.)
SAMPLE DISTRIBUTOR (clerical)
SANDWICH MAN (any ind.)
STOCK GIRL, WOMEN'S APPAREL (ret. tr.)
30 DOMESTIC SERVICES
301. **Day Work**
301.887 DAY WORKER (dom. ser.)
302. **Laundry Work, Private Family**
302.887 IRONER (dom. ser.)
LAUNDRESS (dom. ser.)
LAUNDRYMAN (dom. ser.)
304. **Housemen and Yard Work**
304.887 MAN-OF-ALL-WORK (dom. ser.)
YARDMAN (dom. ser.)
31 FOOD AND BEVERAGE PREPARATION AND SERVICE
312. **Bartending**
312.887 BAR BOY (hotel & rest.)
TAPMAN (hotel & rest.)
313. **Cooking, Large Hotels and Restaurants**
313.887 COOK HELPER, PASTRY (hotel & rest.) II
317. **Miscellaneous Food and Beverage Preparation**
317.887 COOK HELPER (hotel & rest.) I
FORMULA-ROOM WORKER (medical ser.)
PACKER (hotel & rest.)
318. **Kitchen Work, n.e.c.**
318.887 KITCHEN HELPER (hotel & rest.)
SCULLION (water trans.)
SILVER WRAPPER (hotel & rest.)
319. **Food and Beverage Preparation and Service, n.e.c.**
319.887 COUNTER-SUPPLY MAN (hotel & rest.)
32 LODGING AND RELATED SERVICES
323. **Maid and Related Services, Hotels, Restaurants, and Related Establishments**
323.887 HOUSEMAN (hotel & rest.)
MAID (any ind.) II
MAID, HOSPITAL (medical ser.)
329. **Lodging and Related Services, n.e.c.**
329.887 CAMP ATTENDANT (any ind.)
33 BARBERING, COSMETOLOGY, AND RELATED SERVICES
339. **Barbering, Cosmetology, and Related Services, n.e.c.**
339.887 SUPPLY CLERK (per. ser.)
34 AMUSEMENT AND RECREATION SERVICES
341. **Golf Course, Tennis Court, Skating Rink, and Related Services**
341.887 GOLF-RANGE ATTENDANT (amuse. & rec.)
35 MISCELLANEOUS PERSONAL SERVICES
355. **Attendant Work, Hospitals, Morgues, and Related Health Services**
355.887 MORGUE MAN (medical ser.)
358. **Checkroom, Locker Room, and Restroom Services**
358.887 CHANGE-HOUSE MAN (any ind.)
359. **Miscellaneous Personal Services, n.e.c.**
359.887 PALLBEARER (per. ser.)
36 APPAREL AND FURNISHINGS SERVICES
361. **Laundering Service**
361.887 LAUNDRY LABORER (laund.)
LEGGER, OVERALL (laund.)
SHAKER, WEARING APPAREL (laund.)
WASHER, HAND (laund.)
362. **Dry Cleaning Service**
362.887 GLOVE CLEANER, HAND (clean., dye., & press.)
LINING SCRUBBER (clean., dye., & press.)
SHAVER (clean., dye., & press.)
STEAMER (clean., dye., & press.)
363. **Pressing Service**
363.887 DETACHED-COLLAR FINISHER (laund.)
GLOVE FORMER (clean., dye., & press.; glove & mit.)
IRONER, SOCK (laund.)
PUFF IRONER (laund.)
STRETCHER-DRIER OPERATOR (clean., dye., & press.; laund.)
364. **Dyeing and Related Services**
364.887 DYER HELPER (clean., dye., & press.)
RUG-DYER HELPER (clean., dye., & press.)
RUG STEAMER (clean., dye., & press.)
369. **Apparel and Furnishings Services, n.e.c.**
369.887 FOLDER (laund.)
LAUNDRYMAN (any ind.) III
MARKER (clean., dye., & press.)
37 PROTECTIVE SERVICES
372. **Guard and Related Services**
372.887 CONVOY GUARD (any ind.)
379. **Protective Services, n.e.c.**
379.887 MILK SAMPLER (gov. ser.)
MOSQUITO SPRAYER (gov. ser.)
OPERATING AID (bus. ser.)
38 BUILDING AND RELATED SERVICES
381. **Cleaning and Related Services**
381.887 CHARWOMAN (any ind.)
CLEANER, LABORATORY EQUIPMENT (any ind.)
PATCH MAN (agric.)
PORTER (any ind.) I
ALLEYMAN (amuse. & rec.)
PORTER (any ind.) II
PORTER (motion pic.)
389. **Building and Related Services, n.e.c.**
389.887 AIR-PURIFIER SERVICEMAN (bus. ser.)
ELECTRICAL FIXTURE MAN (any ind.)
FLOOR WAXER (any ind.)
SEXTON (nonprofit organ.)
TERMITE-TREATER HELPER (bus. ser.)
WALL WASHER (any ind.)
WINDOW CLEANER (any ind.)
40 PLANT FARMING
401. **Grain Farming**
401.887 FARM HAND, GRAIN (agric.) II
402. **Cotton Farming**
402.887 FARM HAND, COTTON (agric.) II
403. **Vegetable Farming**
403.887 FARM HAND, VEGETABLE (agric.) II
404. **Fruit and Nut Farming**
404.887 FARM HAND, BERRY (agric.)
FARM HAND, CRANBERRY BOG (agric.)
FARM HAND, FRUIT (agric.) II
LABORER, VINEYARD (agric.)
FIG CAPRIFIER (agric.)
HARVEST HAND, FRUIT (agric.)
PLANT DIGGER (agric.)
405. **Crop Specialty Farming**
405.887 FARM HAND, HOPS (agric.)
FARM HAND, TOBACCO (agric.)
HARVEST HAND, BROOMCORN (agric.)
HARVEST HAND, PEANUT (agric.)
HARVEST HAND, SUGARCANE (agric.)
406. **Horticultural Specialty Work**
406.887 BAGGER-AND-BURLAP MAN (agric.)
CHRISTMAS-TREE CUTTER (agric.)
FARM HAND, MUSHROOM (agric.)
GROUNDMAN (agric.)
MOSS HANDLER (agric.)
NURSERY WORKER (agric.)
TREE PLANTER (agric.)
407. **Gardening and Groundskeeping**
407.887 CAMP-GROUND CARETAKER (gov. ser.)
CEMETERY WORKER (agric.)
LABORER, LANDSCAPE (agric.)
PARK WORKER (gov. ser.)
RAKER (turp. & rosin)
409. **Plant Farming, n.e.c.**
409.887 AIRPLANE-PILOT HELPER (agric.)
41 ANIMAL FARMING
412. **Poultry Farming**
412.887 GOOSE HERDER (agric.)
LABORER, HATCHERY (agric.)
POULTRY DEBEAKER (agric.)
413. **Livestock Farming**
413.887 DRIVE-OFF MAN (agric.)
FLEECE TIER (agric.)
GOAT HERDER (agric.) II
LABORER, RANCH (agric.)
SHEEP HERDER (agric.)
TURN-OUT MAN (agric.)
YARDMAN (ret. tr.) III
419. **Animal Farming, n.e.c.**
419.887 PELTER (agric.)
WORM-FARM LABORER (agric.)
WORM PACKER (agric.)
WORM PICKER (agric.)
42 MISCELLANEOUS FARMING AND RELATED WORK
421. **General Farming**
421.887 FARM HAND, GENERAL (agric.) II
422. **Farm Irrigation**
422.887 DITCH DIGGER (agric.)
IRRIGATOR (agric.) II
IRRIGATOR, SPRINKLING SYSTEM (agric.)
IRRIGATOR, STANDPIPE (agric.)
LABORER, IRRIGATION (agric.)
429. **Miscellaneous Farming and Related Work, n.e.c.**
429.887 FARM BOY (agric.)
GRUBBER (agric.; const.)
ICE HARVESTER (ret. tr.)
43 FISHERY AND RELATED WORK
431. **Net, Seine, and Trap Fishing**
431.887 LABORER, WHARF (fish.)
436. **Marine Life Cultivation and Related Work**
436.887 FROG FARM LABORER (fish.)
437. **Sponge and Seaweed Gathering**
437.887 DULSER (fish.)
IRISH-MOSS BLEACHER (fish.)
IRISH-MOSS GATHERER (fish.)
KELP CUTTERMAN (fish.)
SPONGE CLIPPER (whole. tr.)
439. **Fishery and Related Work, n.e.c.**
439.887 OYSTER FLOATER (fish.)
44 FORESTRY
441. **Forest Conservation Work**
441.887 FOREST FIREFIGHTER (gov. ser.)
SPRAYER (forestry)
TREE PLANTER (forestry)
TREE PRUNER (forestry)
442. **Forest Products Production, Except Logging**
442.887 BOUGH CUTTER (forestry)
BOX CUTTER (turp. & rosin)
CUPPER AND TINNER (turp. & rosin)
FACE CUTTER (turp. & rosin)
BOX PULLER (turp. & rosin)
GATHERER (turp. & rosin)
GREENS PICKER (forestry)
GREENS TIER (forestry)
MOSS CUTTER (agric.)
MOSS PICKER (agric.)
POULTRY DEBEAKER (agric.)
SAP COLLECTOR (agric.)

442.887 SUGAR TAPPER (agric.)
Con.
449. **Forestry, n.e.c.**
449.887 SEED CONE PICKER (forestry)
46 **AGRICULTURAL SERVICES**
465. **Blight and Pest Control and Bindweed Eradication**
465.887 BLISTER-RUST ERADICATOR (agric.)
BRUSHER (agric.)
LABORER, ORCHARD FUMIGATION (agric.)
SPRAYER, HAND (agric.)
TREE GIRDLER (agric.)
466. **Animal Care**
466.887 LIVESTOCK CARETAKER, YARD-OR-IN-TRANSIT (any ind.)
50 **METAL PROCESSING**
502. **Melting, Pouring, Casting, and Related Work**
502.887 BLAST - FURNACE - KEEPER HELPER (iron & steel)
BOTTOM MAKER (iron & steel)
BUSHER (abrasive & polish. prod.)
HOT-TOP LINER HELPER (iron & steel)
LABORER, SOLDER MAKING (nonfer. metal alloys)
SCALEMAN (nonfer. metal alloys)
503. **Pickling, Cleaning, Degreasing, and Related Work**
503.887 CLEANER (firearms)
SANDBLASTER (any ind.)
CABINET-ABRASIVE-BLAST MAN (any ind.)
504. **Heat Treating**
504.887 ANNEALER (jewelry)
509. **Metal Processing, n.e.c.**
509.887 PORCELAIN ENAMEL LABORER (any ind.)
STRINGER (jewelry)
51 **ORE REFINING AND FOUNDRY WORK**
511. **Separating, Filtering, and Related Work**
511.887 BLANKET WASHER (ore dress., smelt., & refin.)
CLARIFIER-OPERATOR HELPER (ore dress., smelt., & refin.)
FLOATATION-MAN HELPER (ore dress., smelt., & refin.)
SKIMMER, REVERBERATORY (ore dress., smelt., & refin.)
TAILINGS-DAM LABORER (ore dress., smelt., & refin.)
TREATERMAN, COTTRELL (ore dress., smelt., & refin.)
512. **Melting**
512.887 CONDENSER SETTER (ore dress., smelt., & refin.)
513. **Roasting**
513.887 KILN-OPERATOR HELPER (ore dress., smelt., & refin.)
514. **Pouring and Casting**
514.887 CASTING-HOUSE HELPER (nonfer. metal alloys)
CASTING-OPERATOR HELPER (nonfer. metal alloys)
CASTING-WHEEL-OPERATOR HELPER (ore dress., smelt., & refin.)
METAL CONTROL MAN (found.)
MOLDMAN (iron & steel)
PLASTERER, MACHINE (found.)
SPOUTMAN (ore dress., smelt., & refin.)
TAPPER HELPER (ore dress., smelt., & refin.)
WAX-PATTERN COATER (found.)
515. **Crushing and Grinding**
515.887 HAMMER-MILL OPERATOR (ore dress., smelt., & refin.)
518. **Molding, Coremaking, and Related Work**
518.887 FOUNDRY LABORER, CORE ROOM (found.)
MOLD-MAKER HELPER (ore dress., smelt., & refin.)
519. **Ore Refining and Foundry Work, n.e.c.**
519.887 CARBON SETTER (ore dress., smelt., & refin.)
CELL PLASTERER (ore dress., smelt., & refin.)
DUST PULLER (ore dress., smelt., & refin.)
FOUNDRY WORKER, GENERAL (found.)
LABORER, GENERAL (ore dress., smelt., & refin.)
RODDING-ANODE MAN (ore dress., smelt., & refin.)
STOPPER-MAKER HELPER (iron & steel)
TEST BOY (found.)
THIRD HELPER (iron & steel)
52 **PROCESSING, FOOD AND RELATED PRODUCTS**
520. **Mixing, Compounding, Blending, Kneading, Shaping, and Related Work**
520.887 BLENDER LABORER (tobacco)
BLINTZE ROLLER (food prep., n.e.c.)
520.887 BURRITO MAKER (food prep., n.e.c.)
Con. CANDY MOLDER, HAND (confection.)
CANDY SPREADER (confection.)
COLLECTOR (food prep., n.e.c.)
FILLER MIXER (tobacco)
FOOD MIXER (grain & feed mill.)
GUM PULLER (chew. gum)
HOP WEIGHER (malt liquors)
LUMP WRAPPER, HAND (tobacco)
MINCEMEAT MAKER (can. & preserv.)
PRETZEL TWISTER (bake. prod.)
SEASONING MIXER (slaught. & meat pack.)
SIRUP-MIXER ASSISTANT (corn prod.)
SPICE MIXER (can. & preserv.)
521. **Separating, Crushing, Milling, Chopping, Grinding, and Related Work**
521.887 ALMOND BLANCHER, HAND (nut process.)
BATTERY OPERATOR HELPER (sugar)
BINDER CUTTER, HAND (tobacco)
BONE PICKER (can. & preserv.)
CHAR-FILTER-OPERATOR HELPER (sugar)
CHAR PULLER (corn. prod.; sugar)
COFFEE-ROASTER HELPER (food prep., n.e.c.)
DRIP-BOX TENDER (corn prod.)
EGG BREAKER (any ind.)
FILLER SPREADER (tobacco)
FILTER CHANGER (malt liquors)
FILTER-SCREEN CLEANER (malt liquors)
FISH-LIVER SORTER (can. & preserv.; fish.)
FRUIT CUTTER (confection.)
GANG-KNIFE MAN (can. & preserv.)
HONEYCOMB DECAPPER (food prep., n.e.c.)
LABORER, SIRUP MACHINE (corn prod.)
LIQUOR BRIDGE-OPERATOR HELPER (sugar)
NUT SORTER (nut process.)
NUT STEAMER (nut process.)
PEELED-POTATO INSPECTOR (food prep., n.e.c.)
PICKER (tobacco)
PICKING-TABLE MAN (sugar)
RIDDLER CLEANER (tobacco)
SAUSAGE MEAT TRIMMER (slaught. & meat pack.)
SHAKER (tobacco)
SHAKER WASHER (corn prod.)
SHELLER (nut process.) I
SHELLFISH SHUCKER (can. & preserv.)
SKIN LIFTER, BACON (slaught. & meat pack.)
SKULL GRINDER (slaught. & meat pack.)
STEMMER, HAND (tobacco)
STOCK BOY, BUNCH TRIMMER (tobacco)
522. **Culturing, Melting, Fermenting, Distilling, Saturating, Pickling, Aging, and Related Work**
522.887 BARREL FILLER (distilled liquors)
BRINER (can. & preserv.)
BULKER (tobacco)
COMBER (slaught. & meat pack.)
FILLER MAN (tobacco)
LEAF CONDITIONER (tobacco)
CIGAR-TOBACCO REHANDLER (tobacco)
LEAF-CONDITIONER HELPER (tobacco)
LUMP GREASER (tobacco)
PICKLE MAKER (slaught. & meat pack.)
PICKLER (slaught. & meat pack.)
PRIZER (tobacco)
SNUFF CASER (tobacco)
SPICE FUMIGATOR (food prep., n.e.c.)
SUGAR BOILER HELPER (sugar)
TOBACCO-HANDS DROPPER (tobacco)
TOBACCO RACKER (tobacco)
TURNER (can. & preserv.)
WRAPPER-HANDS SPRAYER (tobacco)
523. **Heating, Rendering, Melting, Drying, Cooling, Freezing, and Related Work**
523.887 COOLING-PORCH MAN (can. & preserv.)
DRYING-ROOM ATTENDANT (tobacco)
FISH DRIER (can. & preserv.)
FREEZER MAN (can. & preserv.)
KILN LOADER (malt liquors) I
SPREADER (tobacco)
524. **Coating, Icing, Decorating, and Related Work**
524.887 CHERRY CUTTER (can. & preserv.)
FRUIT STUFFER (confection.)
STICKER (bake. prod.)
525. **Slaughtering, Breaking, Curing, and Related Work**
525.887 ANIMAL EVISCERATOR (slaught. & meat pack.)
CASING SPLITTER (slaught. & meat pack.)
525.887 CONVEYOR LOADER (slaught. & meat pack.) I
Con. COOLER MAN (slaught. & meat pack.)
DRY-CURE MAN (slaught. & meat pack.)
GAMBRELER (slaught. & meat pack.)
GAMBRELER HELPER (slaught. & meat pack.)
HIDE HANDLER (grease & tallow)
HIDE SPREADER (slaught. & meat pack.)
HIDE TRIMMER (grease & tallow; slaught. & meat pack.) I
NECK SKEWER (slaught. & meat pack.)
OFFAL MAN, POULTRY (slaught. & meat pack.)
ORDER RUNNER (slaught. & meat pack.)
PAINTER, DEPILATORY (slaught. & meat pack.)
POULTRY BONER (slaught. & meat pack.)
POULTRY DRESSER (agric.; slaught. & meat pack.)
POULTRY-DRESSING WORKER (slaught. & meat pack.)
POULTRY EVISCERATOR (slaught. & meat pack.)
POULTRY HANGER (slaught. & meat pack.)
POULTRY KILLER (slaught. & meat pack.)
RETRIMMER (slaught. & meat pack.)
SHACKLER (slaught. & meat pack.)
SHACTOR HELPER (slaught. & meat pack.)
SHAVER (slaught. & meat pack.)
SHROUDER (slaught. & meat pack.)
SINGER (slaught. & meat pack.)
SLUNK-SKIN CURER (slaught. & meat pack.)
SMOKED MEAT PREPARER (slaught. & meat pack.)
STEAMER (slaught. & meat pack.)
STUNNER, ANIMAL (slaught. & meat pack.)
TIER (slaught. & meat pack.)
TRIMMER, MEAT (slaught. & meat pack.)
WASHER, CARCASS (slaught. & meat pack.)
526. **Cooking and Baking, n.e.c.**
526.887 STARCHMAKER (confection.)
529. **Processing, Food and Related Products, n.e.c.**
529.887 BASKET FILLER (can. & preserv.)
BOX-TRUCK WASHER (slaught. & meat pack.)
BULK FILLER (can. & preserv.)
CASING SEWER (slaught. & meat pack.)
CASING TIER (slaught. & meat pack.)
CHAR-DUST MAN (sugar)
COOKER CLEANER (can. & preserv.)
COOK HELPER (can. & preserv.)
DIE CLEANER (macaroni & rel. prod.)
DISTILLERY WORKER, GENERAL (distilled liquors)
FILLER-SHREDDER HELPER (tobacco)
FISH-BIN TENDER (can. & preserv.)
FISH-EGG PACKER (can. & preserv.)
FLOORMAN (tobacco) I
GENERAL HELPER (oils & fats)
GUM OPENER (tobacco)
HANDS UNTIER (tobacco)
KISS SETTER, HAND (confection.)
KNIFE-SETTER HELPER (sugar)
LABORER (slaught. & meat pack.)
LINKER (slaught. & meat pack.)
MASH-FILTER-CLOTH CHANGER (malt liquors)
MAT SEWER (oils & fats)
MELT-HOUSE DRAG OPERATOR (sugar)
OLIVE MAN (can. & preserv.)
PRESS PULLER (corn prod.)
REFINED-SUGAR-BOX MAN (sugar)
SALVAGE MAN (can. & preserv.)
SAMPLER (malt liquors)
SHREDDED-FILLER HOPPER FEEDER (tobacco)
SKINNER (tobacco)
STONE CLEANER (malt liquors)
SUCTION-PLATE-CARRIER CLEANER (tobacco)
SUMATRA OPENER (tobacco)
TOBACCO-SAMPLE PULLER (tobacco)
TROLLEY CLEANER (slaught. & meat pack.)
WASHER (corn prod.)
WASHER, FOOD PRODUCTS (agric.; whole. tr.)
WASHERMAN HELPER (sugar)
53 **PROCESSING, PAPER AND RELATED MATERIALS**
530. **Grinding, Beating, and Mixing**
530.887 MIXER HELPER (wallboard)
533. **Cooling, Bleaching, Screening, Washing, and Related Work**
533.887 SCREEN-TENDER HELPER (paper & pulp)
534. **Calendering, Sizing, Coating, and Related Work**
534.887 CONE TREATER (paper goods)

534.887 Creping-Machine-Operator Helper (paper goods)
Con.
Paper-Cone-Tip Paster (paper goods)
Supercalender-Operator Helper (paper & pulp)
539. Processing, Paper and Related Materials, n.e.c.
539.887 Laborer, Rags (paper & pulp)
Yard Laborer (paper & pulp)
54 PROCESSING PETROLEUM AND RELATED PRODUCTS
540. Mixing and Blending
540.887 Seal Mixer (elec. equip.)
541. Filtering, Straining, and Separating
541.887 Gas-Worker Helper (comp. & liquefied gases)
Slate Picker (mining & quarrying)
542. Distilling, Subliming, and Carbonizing
542.887 Wharfman (coke prod.)
543. Drying, Heating, and Melting
543.887 Coke-Drawer, Hand (coke prod.)
Luterman (coke prod.)
546. Reacting, n.e.c.
546.887 Naphthalene-Operator Helper (coke prod.)
549. Processing, Petroleum and Related Products, n.e.c.
549.887 Chaser, Tar (coke prod.)
Compressed-Gas-Plant Worker (comp. & liquefied gases)
Hot-House Worker (bone, carbon, & lampblack)
Laborer, Petroleum Refinery (petrol. refin.)
Mud-Mixer Helper (coke prod.)
Sample Boy (elec. equip.)
Sampler (mining & quarrying)
Sampler (petrol. refin.)
55 PROCESSING CHEMICALS AND RELATED PRODUCTS
550. Mixing and Blending
550.887 Bender Helper (fabric. plastics prod.; plastics mat.)
Chemical-Compounder Helper (coal tar prod.)
Color Strainer (textile)
Dye-Weigher Helper (any ind.)
Make-Up-Man Helper (chem.)
Pilot-Operator Helper (plastics mat.)
Sampleman (fertilizer)
551. Filtering, Straining, and Separating
551.887 Bone Picker (glue)
Brine Maker (salt production)
Laborer, Cook House (glue)
Pack-Room Operator (synthetic fibers)
Screen Cleaner (rubber reclaim.)
Soda-Room Man (synthetic fibers)
552. Distilling
552.887 Deckhand (turp. & rosin) II
Distillation-Operator Helper (coal tar prod.)
553. Heating, Baking, Drying, Seasoning, Melting, and Heat Treating
553.887 CD-Pan Dumper (rubber reclaim.)
CD-Pan Loader (rubber reclaim.)
Drier Helper (chem.)
Furnace Helper (bone, carbon, & lampblack)
Furnace Packer, Carbon Furnace (elec. equip.)
554. Coating, Calendering, Laminating, and Finishing
554.887 Spreader (plastics mat.)
Spreader-Man Helper (rubber goods)
555. Grinding and Crushing
555.887 Animal Skinner (glue; grease & tallow)
Scale Operator (glue)
556. Casting and Molding, n.e.c.
556.887 Bowling-Ball-Mold Assembler (sports equip.)
Breakout Man (rubber goods)
Caster (rubber goods)
Cell Preparer (plastics mat.)
Foam-Rubber Trimmer (rubber goods)
Mold Cleaner (rubber goods)
Molder, Toilet Products (drug. prep. & rel. prod.)
Mold Parter (plastics mat.)
Pour Man (rubber goods) I

556.887 Watchcase-Vulcanizer-Tender Helper (rubber tire & tube)
Con.
559. Processing, Chemicals and Related Products, n.e.c.
559.887 Ampoule Sealer (drug. prep. & rel. prod.)
Booker (rubber goods; rubber tire & tube)
Cake Wrapper (synthetic fibers)
Cell Cleaner (chem.)
Contact - Acid - Plant - Operator Helper (chem.; fertilizer)
Cotton Washer (synthetic fibers)
Cotton-Weigher Operator (explosives)
Dotter (rubber goods)
Egg Processor (drug. prep. & rel. prod.)
Filter Cleaner (plastics mat.; synthetic fibers)
Filter Washer (explosives)
Frame Stripper (glue)
Hose Inflator (rubber goods)
Hose Loader (rubber goods)
Hose Stripper (rubber goods)
Laborer, Chemical Processing (chem.)
Laborer, General (plastics mat.)
Rod-and-Tube Straightener (plastics mat.)
Sampler (chem.)
Siphon Operator (drug. prep. & rel. prod.; medical ser.)
Skein-Winding Operator (tan. mat. & rel. prod.)
Spiker (turp. & rosin; wood distil. & charc.)
Tank Cleaner (chem.; plastics mat.)
56 PROCESSING, WOOD AND WOOD PRODUCTS
560. Mixing and Related Work
560.887 Compounder, Cork (cork prod.)
561. Wood Preserving and Related Work
561.887 Wood-Pole Treater (wood preserving)
562. Saturating and Related Work, n.e.c.
562.887 Coater, Hand (cork prod.)
Dyer (shaped wood. art.)
563. Drying, Seasoning, and Related Work
563.887 Antichecking-Iron Man (wood preserving)
569. Processing, Wood and Wood Products, n.e.c.
569.887 Break-Off Man (veneer & plywood)
Caul-Board Cleaner (veneer & plywood)
Chopper (wood distil. & charc.)
Distresser (furn.)
Ejector (cork prod.)
Log Washer (sawmill)
Screen Cleaner (wallboard)
Wood Hacker (match; paper & pulp)
57 PROCESSING, NONMETALLIC MINERALS AND RELATED PRODUCTS
570. Crushing, Grinding, and Mixing
570.887 Batch Mixer (brick & tile)
573. Baking, Drying, and Heat Treating
573.887 Bedder (pottery & porc.)
Drying-Tunnel-Man Helper (brick & tile)
Fireman Helper, Periodic Kiln (pottery & porc.)
Kiln-Burner Helper (brick & tile)
Kiln Cleaner (lime)
Kiln Drawer (pottery & porc.)
Kiln Worker (pottery & porc.)
Setter Helper (brick & tile)
574. Impregnating, Coating, and Glazing
574.887 Binman (roof. materials)
Silverer Helper (mirror)
575. Forming
575.887 Balcony Man (glass mfg.)
Forming-Machine-Upkeep-Man Helper (glass mfg.)
Laborer, Prestressed Concrete (conc. prod.)
Molder, Bench (pipe & boiler cov.)
Pipe Stripper (conc. prod.)
579. Processing, Nonmetallic Minerals and Related Products, n.e.c.
579.887 Brake-Lining-Finisher Helper, Asbestos (asbestos prod.)
Floor Boy (glass mfg.)
Glass-Cut-Off Man (glass mfg.)
Laborer, Batching Plant (const.)
Laborer, General (brick & tile)
Mica Sizer (minerals & earths)
58 PROCESSING, LEATHER AND TEXTILES
580. Shaping, Blocking, Stretching, and Tentering

580.887 Oriental-Rug Stretcher (any ind.)
581. Separating, Filtering, and Drying
581.887 Burlap Spreader (tex. bag)
Heat Curer (textile)
Rag Sorter and Cutter (waste & batting)
White-Down-Feather Sorter (house furn.)
582. Washing, Steaming, and Saturating
582.887 Bagger (hosiery)
Bag Opener (textile)
Beat-Out Boy (hosiery)
Chainer (textile) I
Laborer, Dye House (knit goods)
Pad Boy (textile)
Peg Boy, Dyeing (textile)
Shaker (hosiery)
Sizer (textile) II
Starcher, Hand (garment)
Treater (any ind.)
Tube Sewer (knit goods)
Yarn-Conditioning Sprayer (textile)
Yarn-Soaker Helper (textile)
583. Ironing, Pressing, Glazing, Staking, Calendering, and Embossing
583.887 Belt Rubberizer (garment)
584. Mercerizing, Coating, and Laminating
584.887 Leather Coater (leather mfg.)
Sprayer, Hand (leather mfg.)
585. Singeing, Cutting, Shearing, Shaving, and Napping
585.887 Carpet Cutter (carpet & rug)
Straightener and Cutter (house furn.)
586. Felting and Fulling
586.887 Felt Carbonizer (felt goods)
587. Brushing and Shrinking
587.887 Canvas Shrinker (garment; textile)
589. Processing, Leather and Textiles, n.e.c.
589.887 Bagging Salvager (textile)
Bobbin Cutter (textile)
Bundle Breaker (cord. & twine)
Dipper (textile)
Dyer (artif. flower)
Dyer (hat & cap) II
Dye-Stand Loader (textile)
Knotter (textile)
Laborer, General (artif. leather)
Lay-Out Girl (textile)
Puller (textile)
Sample Girl (textile)
Shade-Cloth Finisher (window shade & fix.)
Spreader (hat & cap)
Stainer (leather prod.)
Stiffener (hat & cap)
Tube Cleaner (textile)
Wool Puller (leather mfg.; slaught. & meat pack.)
59 PROCESSING, N.E.C.
590. Processing, Assorted Materials
590.887 Laborer (candle)
Plastic-Joint Maker (brick & tile)
Rackman (linoleum)
Rug Cutter (linoleum)
Stove-Bottom Man (linoleum)
599. Miscellaneous Processing, n.e.c.
599.887 Net Washer (rubber goods)
Washer (any ind.) II
60 METAL MACHINING
603. Abrading
603.887 Shear-Grinder-Operator Helper (textile)
61 METALWORKING, N.E.C.
612. Forging, n.e.c.
612.887 Heavy-Forger Helper (forging)
613. Sheet and Bar Rolling
613.887 Liner Assembler (nonfer. metal alloys)
Plugger (iron & steel)
615. Punching and Shearing
615.887 Tin Stacker (tinware)
616. Fabricating Machine Work
616.887 Stranding-Machine-Operator Helper (wirework)
Wire-Weaver Helper (wirework)
619. Miscellaneous Metalworking, n.e.c.
619.887 Coil Binder (nonfer. metal alloys)
Machine Helper (any ind.)
Pitch Filler (any ind.)
62, 63 MECHANICAL REPAIRING
623. Marine Equipment Repairing

623.887 MACHINIST HELPER, OUTSIDE (ship & boat bldg. & rep.)
628. **Textile Machinery and Equipment Repairing**
628.887 FLYER REPAIRMAN (textile)
QUILL REAMER (textile)
631. **Powerplant Machinery Repairing**
631.887 PULLEYMAN (mining & quarry.)
TRACK-REPAIRMAN HELPER (const.)
637. **Utility Equipment Repairing**
637.887 AIR-CONDITIONING-MECHANIC HELPER, DOMESTIC (any ind.)
REFRIGERATION-MECHANIC HELPER (any ind.)
64 **PAPERWORKING**
640. **Papercutting, Winding, and Related Work**
640.887 SPIRAL-TUBE-WINDER HELPER (paper goods)
641. **Folding, Creasing, Scoring, and Gluing**
641.887 LINER-MACHINE-OPERATOR HELPER (paper goods)
65 **PRINTING**
652. **Printing Machine Work**
652.887 COLOR BOY, PRINTING (textile)
COLOR-MIXER HELPER (wallpaper)
PAINT POURER (linoleum)
PAPER MAN (wallpaper)
PASTER, SCREEN PRINTING (textile)
PIN BOY, SCREEN PRINTING (textile)
PLATER GIRL (paper & pulp)
PRINTER ASSISTANT, FLOOR COVERING (linoleum)
WALLPAPER-PRINTER HELPER (wallpaper)
654. **Typecasting and Related Work**
654.887 PAGER (type founding)
659. **Printing, n.e.c.**
659.887 JOGGER (print. & pub.)
66 **WOOD MACHINING**
667. **Sawing**
667.887 BUZZSAW-OPERATOR HELPER (any ind.)
CANT SETTER (sawmill)
DECKMAN (sawmill)
DROP-SORTER OPERATOR (sawmill)
669. **Wood Machining, n.e.c.**
669.887 LUMBER STRAIGHTENER (sawmill)
67 **MACHINING, NONMETALLIC MINERALS AND RELATED MATERIALS**
673. **Abrading and Polishing**
673.887 JOINER (glass mfg.)
68 **TEXTILE MACHINE WORK**
680. **Carding, Combing, Drawing, and Related Work**
680.887 APRON CLEANER (asbestos prod.)
DROP-WIRE MAN (textile)
ROLLER CLEANER (textile)
681. **Twisting, Beaming, Warping, and Related Work**
681.887 WARP BOY, SORTING (textile)
YARN CLEANER (any ind.)
682. **Spinning**
682.887 TRAVELER CHANGER (textile)
683. **Weaving and Related Work**
683.887 DRAWER-IN-HELPER, HAND (textile)
HANDER-IN (narrow fabrics; textile)
HOOK PULLER (narrow fabrics)
LINGO CLEANER (textile)
LOOM CHANGEOVER OPERATOR (fiber rugs)
685. **Knitting, Except Hosiery**
685.887 CUFF FOLDER (knit goods)
FORMER (knit goods)
LACE WINDER (tex. prod., n.e.c.)
NEEDLE CLEANER (knit goods)
PAD BOY (knit goods)
PAD CHANGER (knit goods)
PRESS HAND (knit goods)
ROLLER (knit goods)
TOPPER (knit goods)
689. **Textile Machine Work, n.e.c.**
689.887 CLOTH-EDGE SINGER (textile)
CLOTH FRAMER (textile)
CREELER (any ind.)
DROP-WIRE BUILDER (textile)
FRAME BOY (embroid.)
LOOSE-END FINDER, BOBBIN (hosiery; knit goods)
NUMBERER AND WIRER (textile)
OIL-SPOT WASHER (textile)
PEG BOY, DOBBY LOOMS (narrow fabrics; textile)
PICK REMOVER (textile)
RUG CLEANER (carpet & rug)

689.887 SHUTTLER (embroid.)
Con. SINGER (narrow fabrics)
SPANNER (embroid.)
THREADER (tex. prod., n.e.c.)
TOW MOVER (cord. & twine)
69 **MACHINE WORK, N.E.C.**
691. **Insulated Wire and Cable Fabrication**
691.887 PNEUMATIC JACKETER (insulated wire)
PRODUCTION HELPER (insulated wire)
699. **Miscellaneous Machine Trades, n.e.c.**
699.887 MACHINE CLEANER (any ind.)
HARNESS CLEANER (textile)
ROPE CLEANER (textile)
OILER (any ind.) I
SLITTING-MACHINE-OPERATOR HELPER (any ind.)
70 **FABRICATION, ASSEMBLY, AND REPAIR OF METAL PRODUCTS**
700. **Fabrication, Assembly, and Repair of Jewelry, Silverware, and Related Products**
700.887 BENCH WORKER, HOLLOW HANDLE (silverware)
BOILER-OUT (jewelry)
CASTER HELPER (jewelry)
CHARGER (jewelry) II
MELTER (jewelry)
MOLD-MAKER HELPER (jewelry)
PLANISHER (jewelry)
POLISHER (jewelry)
PREPARER (jewelry)
RIVETER (jewelry)
SCRAPER (jewelry)
701. **Fabrication, Assembly, and Repair of Tools and Related Products**
701.887 ASSEMBLER (cut. tools)
BLADE BALANCER (agric. equip.)
COLD-PRESS LOADER (cut. tools)
SCISSORS HONER (any ind.)
WEDGER, MACHINE (cut. tools)
703. **Sheet-Metal Products Assembly and Repair, n.e.c.**
703.887 ASSORTER (iron & steel)
PAIL BAILER (tinware)
STEEL-BARREL REAMER (cooperage)
704. **Engraving, Etching, and Related Work**
704.887 CLEANER (engraving)
ETCHER, HAND (cut. tools) I
705. **Filing, Grinding, Buffing, Cleaning, and Polishing, n.e.c.**
705.887 ETHER CAN POLISHER (tinware)
JIGGER (jewelry)
LABORER, GRINDING AND POLISHING (any ind.)
METAL SANDER AND FINISHER (furn.)
PACKET POLISHER (needle, pin, & rel. prod.)
706. **Metal Unit Assembling and Adjusting, n.e.c.**
706.887 ASSEMBLER, PRODUCTION (any ind.)
CLEANER-TOUCH-UP MAN (typewriters & parts)
FAN-BLADE ALINER (elec. equip.)
PUSH-CONNECTOR ASSEMBLER (elec. equip.)
TYPE-SOLDERING-MACHINE OPERATOR (typewriters & parts)
709 **Fabrication, Assembly, and Repair of Metal Products, n.e.c.**
709.887 CIRCULAR KNITTING-NEEDLE BENDER (needle, pin, & rel. prod.)
CLEANER AND POLISHER (any ind.)
CLEANER, FURNITURE (furn.)
FABRIC STRETCHER (matt. & bedspring)
FRAME MAKER (umbrella)
IMPELLER ASSEMBLER (elec. equip.)
LABORER, TIN CAN (tinware)
SALVAGE-MAN HELPER (petrol. refin.)
SPRING TESTER (spring) II
TABLE-AND-DESK FINISHER (furn.)
TIN-CONTAINER STRAIGHTENER (tobacco)
TUBE BENDER, HAND (any ind.) II
WIRE-BASKET MAKER (wirework)
71 **FABRICATION AND REPAIR OF SCIENTIFIC AND MEDICAL APPARATUS, PHOTOGRAPHIC AND OPTICAL GOODS, WATCHES AND CLOCKS, AND RELATED PRODUCTS**
710. **Fabrication and Repair of Instruments for Measuring, Controlling, and Indicating Physical Characteristics**
710.887 BELLOWS CRIMPER (inst. & app.)
BELLOWS TESTER (inst. & app.)
DEWAXER (inst. & app.)

710.887 GAS-METER-REPAIRMAN HELPER (light, heat,
Con. & power)
INSTRUMENT CHECKER (inst. & app.)
TIE-UP MAN (bal. & scales)
711. **Fabrication and Repair of Optical Instrument and Lenses**
711.887 CONTACT-LENS-FLASHING PUNCHER (optical goods)
LENS CEMENTER (optical goods)
POLISHING-PAD MOUNTER (optical goods)
712. **Fabrication and Repair of Surgical, Medical, and Dental Instruments and Supplies**
712.887 SUTURE POLISHER (surgical appl.)
SUTURE WINDER, HAND (surgical appl.)
TOOTH INSPECTOR (dental equip.)
713. **Fabrication and Repair of Ophthalmic Goods**
713.887 ASSEMBLER, CLIP-ON SUNGLASSES (optical goods)
BLOCK CLEANER (optical goods)
BLOCKER (optical goods)
CEMENTER (optical goods)
CLIP DIPPER (optical goods)
FINAL ASSEMBLER (optical goods)
LENS INSERTER (optical goods)
POLISHER, IMPLANT (optical goods)
SALVAGER (optical goods)
714. **Fabrication and Repair of Photographic Equipment and Supplies**
714.887 DENTAL-X-RAY-FILM ASSEMBLER (photo. apparatus)
PASTER (photo. apparatus)
SAMPLEMAN (photo. apparatus)
715. **Fabrication and Repair of Watches, Clocks, and Parts**
715.887 ASSEMBLER, FILLING (clock & watch)
BAND ATTACHER (clock & watch)
BARREL-CAP SETTER (clock & watch)
CLOCK ASSEMBLER (clock & watch)
CRYSTAL ATTACHER (clock & watch)
DIAL BRUSHER (clock & watch)
DIAL PASTER (clock & watch)
DIAL RACKER (clock & watch)
DOGGER (clock & watch)
DUSTPROOF ASSEMBLER (clock & watch)
FELT ASSEMBLER (clock & watch)
FILL LOADER (clock & watch)
FOOT STRAIGHTENER (clock & watch)
HAIRSPRING CUTTER (clock & watch) I
HAMMER ADJUSTER (clock & watch)
JEWEL-SETTING STRINGER (clock & watch)
JEWEL STRINGER (clock & watch)
MAINSPRING-BARREL-ASSEMBLY CLEANER (clock & watch)
MAINSPRING FORMER, ARBOR END (clock & watch)
MAINSPRING FORMER, BRACE END (clock & watch)
MASKER (clock & watch)
PAINTER, POINTER (clock & watch)
POINTER DIPPER (clock & watch)
POINTER MOUNTER (clock & watch)
SCRATCH BRUSHER (clock & watch)
SET-KEY DRIVER (clock & watch)
SIFTER (clock & watch)
SPRING LAYER (clock & watch)
STUDDER, HAIRSPRING (clock & watch)
TAKE-OFF OPERATOR (clock & watch)
TOUCH-UP GIRL (clock & watch)
WASHER (clock & watch)
WHEEL TRIMMER (clock & watch)
WINDER (clock & watch)
WIRE CUTTER, HAIRSPRING (clock & watch)
719. **Fabrication and Repair of Scientific and Medical Apparatus, Photographic and Optical Goods, Watches and Clocks, and Related Products, n.e.c.**
719.887 LABORER, PRODUCTION (inst. & app.)
OPTICAL-ELEMENT CLEANER (optical goods)
POLISHER (optical goods)
72 **ASSEMBLY AND REPAIR OF ELECTRICAL EQUIPMENT**
720. **Assembly and Repair of Radio and Television Receiving Sets and Phonographs**
720.887 MATRIX-GROOVE ROLLER (phonograph)
RECORD-CHANGER ASSEMBLER (phonograph)
721 **Assembly and Repair of Motors, Generators, and Related Products**
721.887 CLEANER AND PREPARER (elec. equip.)
MOTOR ASSEMBLER (agric. equip.)

722. **Communications Equipment Assembly and Repair**
722.887 SWITCHBOX ASSEMBLER (elec. equip.) I
723. **Assembly and Repair of Electrical Appliances and Fixtures**
723.887 HEATING-ELEMENT WINDER (elec. equip.)
PATCHER (elec. equip.)
WIPER (light. fix.) II
WIRECUTTER (light. fix.)
724. **Winding and Assembly of Coils, Magnets, Armatures, and Related Products**
724.887 BURNER (elec. equip.)
COIL FINISHER (elec. equip.; electronics)
COIL FORMER AND PRESSER (elec. equip.)
COMMUTATOR-V-RING ASSEMBLER (elec. equip.)
DIE CASTER (electronics)
INSULATOR (elec. equip.) I
LACER AND TIER (elec. equip.)
RESISTOR-LEAD-WIRE ASSEMBLER (electronics)
SLOT WEDGER (elec. equip.)
725. **Assembly of Light Bulbs and Electronic Tubes**
725.887 BASE FILLER, HAND (electronics)
BULB ASSEMBLER, COLOR TELEVISION PICTURE TUBES (electronics)
FLARE BEADER (electronics)
FOCUSER (elec. equip.)
GETTERER (elec. equip.)
GRID TRIMMER (electronics)
GUN ASSEMBLER (electronics)
STRIPER (elec. equip.)
TUBE FINISHER (electronics)
TUBE LAMINATOR (electronics)
726. **Assembly and Repair of Electronic Components and Accessories, n.e.c.**
726.887 CAPACITOR ASSEMBLER, VARIABLE (electronics) I
CLEANER (electronics)
CONVEYOR-LINE WORKER, TELEVISION PICTURE TUBES (electronics)
ENCAPSULATOR (elec. equip.; electronics)
METAL-BASE RECLAIMER (electronics)
MOUNTER (electronics) I
PLUG-WIRING-MACHINE OPERATOR (elec. equip.)
RECTIFIER PLATE CHARGER (electronics)
SILK-SCREEN PRINTER (electronics)
TRIMMER (electronics)
727. **Storage Battery Assembly**
727.887 ACID DUMPER (elec. equip.)
ACID FILLER (elec. equip.)
ASSEMBLER, DRY CELL AND BATTERY (elec. equip.)
BATTERY CHARGER (elec. equip.)
BATTERY CHARGER, CONVEYOR LINE (elec. equip.)
BATTERY-CONTAINER-FINISHING HAND (elec. equip.)
BATTERY-PARTS ASSEMBLER (elec. equip.)
BATTERY STACKER (elec. equip.)
BOX-SALVAGE MAN (elec. equip.)
CELL-COVER PLACER (elec. equip.)
CELL-TUBER, HAND (elec. equip.)
FORMING-PROCESS-LINE WORKER (elec. equp.)
LEAD-BURNER HELPER (elec. equip.)
LEAD-CASTER HELPER (elec. equip.)
TAKE-OFF MAN (elec. equip.)
WAFER LINE WORKER (elec. equip.)
728. **Fabrication of Electrical Wire and Cable**
728.887 WIRE WORKER (electronics)
729. **Assembly and Repair of Electrical Equipment, n.e.c.**
729.887 ASSEMBLER, ELECTRICAL ACCESSORIES (elec. equip.) I
BUILT-UP WASHER MAN (minerals & earths)
ELECTRODE CLEANER (elec. equip.)
LAMINATION SPINNER (elec. equip.)
PLATE STACKER, HAND (elec. equip.)
SALVAGE MAN (light, heat, & power)
73 **FABRICATION AND REPAIR OF PRODUCTS MADE FROM ASSORTED MATERIALS**
730. **Fabrication and Repair of Musical Instruments and Parts**
730.887 CUTTER, WOODWIND REEDS (musical inst.)
HEAD TUCKER (musical inst.)
ORGAN-STOP ASSEMBLER (musical inst.)
731. **Fabrication and Repair of Games and Toys**
731.887 ASSEMBLER (coin mach.)
ASSEMBLER, LIQUID CENTER (sports equip.)
ASSEMBLER, TOY VOICES (toys & games)
BRUSHER (toys & games)
DOLL-EYE-SETTER (toys & games)
DOLL GRINDER (toys & games)
FINISHER (hairwork)
FINISHER, HAND (toys & games)
HACKLER, DOLL WIGS (toys & games)
MARKER (toys & games)
MOLD FILLER, PLASTIC DOLLS (toys & games)
MOLD STRIPPER, PLASTIC DOLLS (toys & games)
PUZZLE ASSEMBLER (toys & games)
REAMER (toys & games)
STUFFER (toys & games)
TOY ASSEMBLER, PLASTIC (toys & games)
TURNER, DOLL WIGS (toys & games)
WHEEL ASSEMBLER, BABY CARRIAGE (toys & games)
WIRE CUTTER (coin mach.)
732. **Fabrication and Repair of Sporting Goods**
732.887 BALL POLISHER (fabric. plastics prod.)
BASE FILLER (sports equip.)
BASING-MACHINE OPERATOR (sports equip.)
CASTING-PLUG ASSEMBLER (sports equip.)
CEMENTER (sports equip.)
CUSHION JOINER (sports equip.)
FEATHER SAWYER (sports equip.)
FLETCHER (sports equip.)
GOLF-BALL TRIMMER (sports equip.)
GOLF-CLUB WEIGHTER (sports equip.)
HAND FINISHER, BOWLING BALLS (sports equip.)
HAY SORTER (sports equip.)
LABORER (sports equip.)
LACER (sports equip.)
LEADER TIER (sports equip.)
SNELLER, HAND (sports equip.)
LINING INSERTER (sports equip.)
MACHINE SNELLER (sports equip.)
MOLD CLEANER (sports equip.)
MOLDER, INFLATED BALL (sports equip.)
MOLDER, WAX BALL (sports equip.)
MOLD STRIPPER (sports efiuip.)
NOCK APPLIER (sports equip.)
PAINTER, CORK (sports equip.)
POINTER (sports equip.)
REVERSER (sports equip.)
RUBBER ATTACHER (sports equip.)
SOFTBALL CORE MOLDER (sports equip.)
STUFFING-MACHINE OPERATOR (sports equip.)
TENNIS-BALL-COVER CEMENTER (sports equip.)
TENNIS-RACKET WINDER (sports equip.)
TRIMMING-MACHINE OPERATOR (sports equip.)
WAX-BALL KNOCK-OUT MAN (sports equip.)
733. **Fabrication and Repair of Pens, Pencils, and Office and Artists' Materials, n.e.c.**
733.887 ASSEMBLER (pen & pencil)
ASSEMBLER, MARKING DEVICES (pen & pencil)
ASSEMBLER, MECHANICAL PENCILS AND BALL-POINT PEN (pen & pencil)
BANDER (pen & pencil)
CHALK-CUTTING-MACHINE OPERATOR (pen & pencil)
CLAMPER (pen & pencil)
DATER ASSEMBLER (pen & pencil)
DESK-PEN-SET ASSEMBLER (pen & pencil)
DIPPER (pen & pencil)
GROOVING-MACHINE OPERATOR (pen & pencil)
RIBBON WINDER (pen & pencil)
STAMP PAD FINISHER (pen & pencil)
TIP BANDER (pen & pencil)
TIPPING-MACHINE OPERATOR (pen & pencil)
734. **Fabrication of Notions**
734.887 ACETONE-BUTTON PASTER (button)
ASSEMBLER (button)
BENCH WORKER (needle, pin, & rel. prod.)
BOBBIN DISKER (glass mfg.)
BUCKLE-WIRE INSERTER (button)
BUTTON-AND-BUCKLE MAKER (any ind.)
BUTTON-BLANK-PRESS OPERATOR (button)
BUTTON WEAVER, HAND (button)
COVERED-BUCKLE ASSEMBLER (button)
GRINDER, HAND (button)
HOT-STONE SETTER (button)
PASTER (button)
QUILL-BUNCHER-AND-SORTER (house furn.)
734.887 Con. SLIDE-FASTENER-CHAIN ASSEMBLER (needle, pin, & rel. prod.)
SLIDE-FASTENER REPAIRMAN (needle, pin, & rel. prod.)
SLIDER ASSEMBLER (garment; needle, pin, & rel. prod.)
SPLITTER, HAND (button)
735. **Fabrication and Repair of Jewelry, n.e.c.**
735.887 COMPACT ASSEMBLER (jewelry)
DIPPER (jewelry)
LINKER (jewelry)
CHAIN MENDER (jewelry)
PAINTER (jewelry) I
PIN OR CLIP FASTENER (jewelry)
RACKER (jewelry)
SORTER (jewelry)
STONE SETTER (jewelry) I
STONE-SETTER APPRENTICE (jewelry)
SWEDGER (jewelry)
WIRE DRAWER (jewelry)
736. **Fabrication and Repair of Ordnance and Accessories**
736.887 BARREL LOADER AND CLEANER (firearms)
FRONT-SIGHT ATTACHER (firearms)
GREASER (firearms)
INSPECTOR, LIVE AMMUNITION (firearms)
737. **Fabrication of Ammunition, Fireworks, Explosives, and Related Products**
737.887 ASSEMBLER (ammunition)
BANDOLEER STRAIGHTENER-STAMPER (ammunition)
BLASTING-CAP ASSEMBLER (ammunition)
BOMB LOADER (ammunition)
BOOSTER ASSEMBLER (ammunition)
CORE LOADER (ammunition)
DETONATOR ASSEMBLER (ammunition)
EXPLOSIVE OPERATOR (ammunition) I
EXPLOSIVE OPERATOR (ammunition) II
FIREWORKS ASSEMBLER (fireworks)
GAGE-AND-WEIGH-MACHINE OPERATOR (ammunition)
IGNITER CAPPER (ammunition)
LABORER, AMMUNITION ASSEMBLY (ammunition) I
LABORER, AMMUNITION ASSEMBLY (ammunition) II
LACQUER-PIN-PRESS OPERATOR (ammunition)
MANUAL-PLATE FILLER (ammunition)
PRIMER ASSEMBLER (ammunition)
PRIMER BOXER (ammunition)
PRIMER CHARGER (ammunition)
PROPELLANT-CHARGE-ZONE ASSEMBLER (ammunition)
SALVAGE MAN (ammunition)
SCREW-EYE ASSEMBLER (ammunition)
SHADOWGRAPH-SCALE OPERATOR (ammunition)
CHECK WEIGHER (ammunition)
TAPPER, HAND (ammunition)
VARNISHING-UNIT OPERATOR (ammunition)
739. **Fabrication and Repair of Products Made from Assorted Materials, n.e.c.**
739.887 ASSEMBLER (mirror)
ASSEMBLER-ARRANGER (fabric. prod., n.e.c.)
ASSEMBLER, CORNCOB PIPES (smoking pipe)
ASSEMBLER, DRESSMAKER FORM (model & pattern)
ASSEMBLER, FILTERS (glass prod.)
ASSEMBLER, FINGER BUFFS (tex. prod., n.e.c.)
ASSEMBLER, OIL FILTERS (auto. mfg.)
ASSEMBLER, SMALL PRODUCTS (any ind.)
ASSEMBLYMAN (mirror; mirror & pic. frames) I
BLACKBOARD-ERASER MAKER, HAND (felt goods)
BRUSH FILLER, HAND (brush)
CANDLE CUTTER (candle)
CANDLE DECORATOR (candle) II
CANDLE MOLDER, HAND (candle)
CANDLEWICK STRINGER (candle)
CLEANER (smoking pipe)
CLEANER, SIGNS (signs)
CLIPPER (broom)
DIGGER (smoking pipe)
DUST-BRUSH ASSEMBLER (elec. equip.)
DUST-MOP MAKER (house furn.)
EYE-DROPPER ASSEMBLER (glass. prod.)
FILLER (smoking pipe)
FIRE-EQUIPMENT-MAN HELPER (any ind.)

739.887 FITTER (furn.; mirror & pic. frames)
Con. FOLDER-CEMENTER (needle, pin, & rel. prod.)
GASKET FITTER (mach. mfg.)
GLUER (any ind.) II
HACKLER (broom)
HANDLE-GRIP ASSEMBLER (elec. equip.)
HOSE ASSEMBLER (elec. equip.)
KNOT TIER (fabric. prod., n.e.c.)
MOP-HANDLE ASSEMBLER (house furn.)
MOP MAKER (house furn.) I
NAILER (tinware)
ORNAMENT MAKER, HAND (fabric. prod., n.e.c.)
PAINT-ROLLER WINDER (brush)
PART MAKER (jewelry cases)
PIPE-SMOKING-MACHINE OPERATOR (smoking pipe)
POURER (candle)
PULL-OUT OPERATOR (linoleum)
SHANK THREADER (smoking pipe)
STACKING-MACHINE OPERATOR (any ind.) II
STAINER (smoking pipe)
STARCHER (artif. flower)
TAPPER, BIT (smoking pipe)
TAPER, SHANK (smoking pipe)
TRAVERSE-ROD ASSEMBLER (window shade & fix.)
UMBRELLA FINISHER (umbrella)
UMBRELLA TIPPER, MACHINE (umbrella)
VACUUM-BOTTLE ASSEMBLER (glass prod.)
VENETIAN-BLIND MAINTENANCE MAN (any ind.)
WICK-AND-BASE ASSEMBLER (candle)

74 PAINTING, DECORATING, AND RELATED WORK

740. Brush Painting

740.887 BUTTON SPINDLER (button)
DIXONAC OPERATOR (electronics)
FUNNEL COATER, HAND (electronics)
PAINTER, BRUSH (any ind.)
LAST-CODE STRIPER (lasts & rel. forms)
PAINTER, MANNEQUIN (model & pattern)
PAINTER, PANEL EDGE (furn.)
SHELLACKER (ammunition)
STAMP FILLER (any ind.)
TIRE FINISHER (rubber tire & tube)

741. Spray Painting

741.887 PAINTER HELPER, SPRAY (any ind.)
PAINTER, SPRAY (any ind.) II
ADHESIVE SPRAYER (rubber goods)
DAGGER, OUTSIDE (electronics)
FORMING PLATE SPRAYER (rubber goods)
PAINTER, BLACKWALL TIRE (rubber tire & tube)
SPRAYER (boot & shoe) I
WATERPROOFER (boot & shoe)
RUBBER (paper goods)
STRIPER, MACHINE (any ind.)

742. Staining, Waxing, and Related Work

742.887 BURNISHER (mirror & pic. frames)
SNATH FINISHER (shaped wood. art.)
WIPER (furn.) II

749. Painting, Decorating, and Related Work, n.e.c.

749.887 BALLOON DIPPER (rubber goods)
CRESTER (sports equip.)
DIPPER AND DRIER (furn.; shaped wood. art.)
KEG VARNISHER (cooperage)
MASKER (any ind.)
PLASTERER (furn.)
RACKER (sports equip.)
REFRIGERATOR CLEANER (refrigerat. equip.)
SPRAY-BOOTH CLEANER (any kind.)
STRIPPER (furn.)

75 FABRICATION AND REPAIR OF PLASTICS, SYNTHETICS, RUBBER AND RELATED PRODUCTS

750. Fabrication and Repair of Tires, Tubes, Tire Treads, and Related Products

750.887 AIR-BAG EXTRACTOR (rubber tire & tube)
BAND WRAPPER (rubber tire & tube)
CURING-BELT FEEDER (rubber tire & tube)
INNER-TUBE DEFLATOR (rubber tire & tube)
INNER-TUBE INSERTER (rubber tire & tube)
SOLID-TIRE FINISHER (rubber tire & tube)
TIRE DUSTER (rubber tire & tube)
TIRE LUBRICATOR (rubber tire & tube)
TIRE MOUNTER (fabric. prod., n.e.c.)
TIRE PROCESSOR (rubber tire & tube)
TIRE WASHER (rubber tire & tube)

750.887 TREAD WEIGHER AND BOOKER (rubber tire & tube)
Con. VALVE BUFFER (rubber tire & tube)
VALVE CEMENTER (rubber tire & tube)
VALVE-CORE INSERTER (rubber tire & tube)
VALVE FITTER (rubber tire & tube)
VALVE-STEM-HOLE PUNCHER (rubber tire & tube)

751. Laying Out and Cutting, n.e.c.

751.887 HOSE CUTTER, HAND (rubber goods)
HOSE CUTTER, MACHINE (rubber goods)
PATTERN GIRL (fabric. plastics prod.)
RUBBER-SPLICE PREPARER (rubber goods)
STOCK-PREPARATION MAN (fabric. plastics prod.)
TUBER-MACHINE-CUTTER HELPER (rubber goods; rubber tire & tube)

752. Fitting, Shaping, Cementing, Finishing, and Related Work, n.e.c.

752.887 BRAND CEMENTER (rubber goods)
CEMENT APPLIER (rubber goods)
INSTALLER, FUEL-BAY LINING (aircraft mfg.)
KEY INLAYER (typewriters & parts)
KEY RINGER (typewriters and parts)
MAT FINISHER (rubber goods)
TREAD-LIP FORMER (rubber goods)

753. Fabrication and Repair of Rubber and Plastic Footwear

753.887 CLIPPER (rubber goods)
CUT-AND-COVER LINE WORKER (rubber goods)
DEBRANDER (rubber goods)
FITTER-PLACER (rubber goods)
FLOUR-STOCK MAN (rubber goods)
LAST-STRIPPER, HAND (rubber goods)
LAY-UP-MAN HELPER (rubber goods)
MAKING-LINE WORKER (rubber goods)
MOLD FILLER AND DRAINER (rubber goods)
MOLD-INSERT CHANGER (rubber goods)
PACKING-LINE WORKER (rubber goods)
SWAB MAKER (rubber goods)
WEAR TESTER (rubber goods)

754. Fabrication and Repair of Miscellaneous Plastics Products

754.887 FORM REPAIRMAN (rubber goods)
FORM-STRIP ASSEMBLER (rubber goods)
GLUER, WET SUIT (fabric. plastics prod.)
LABORER, GENERAL (fabric. plastics prod.)
SEQUINS STRINGER (fabric. plastics prod.)

759. Fabrication and Repair of Plastics, Synthetics, Rubber and Related Products, n.e.c.

759.887 AIR-BAG DEWATER MAN (rubber tire & tube)
AIR-BAG REPAIRMAN (rubber tire & tube)
ASSEMBLY PREPAREMAN (rubber goods)
FINISHER (rubber goods)
HOSE-COUPLING JOINER (rubber goods)
INFLATION TESTER (rubber goods)
MATTRESS PLUGGER (rubber goods)
NET DUSTER (rubber goods)
RUBBER-REPAIR MAN (plastics mat.)
TUBE MAKER (paper goods) I

76 FABRICATION AND REPAIR OF WOOD PRODUCTS

761. Laying Out, Cutting, Carving, Shaping, and Sanding, n.e.c.

761.887 PICTURE-FRAME-MAKER HELPER (mirror & pic. frames)
POWER-CHISEL OPERATOR (cut. tools)
SANDER, HAND (woodworking)

762. Assembly of Wood Products, n.e.c.

762.887 AUTOMATIC-NAILING-MACHINE FEEDER (plan. mill)
BANDER (wood. box)
BAND NAILER (sawmill)
BAND NAILER (wood. box)
BOTTOM-END ASSEMBLER, MILK CRATE (wood. box)
BOTTOM-HALF ASSEMBLER, MILK CRATE (wood. box)
CLAMP-JIG ASSEMBLER (woodworking)
CLAMP REMOVER (veneer & plywood)
CLEAT FEEDER (wood. box)
COAT-HANGER ASSEMBLER (shaped wood. art.)
CORE LAYER, PLYWOOD (veneer & plywood)
DOOR LAY-UP MAN (woodworking)
END NAILER (wood. box)
GLUE-AND-WEDGE OPERATOR (shaped wood. art.)
GLUEMAN (woodworking)

762.887 HANDLE ASSEMBLER (shaped wood. art.)
Con. HARDWARE ASSEMBLER (wood. box)
KNOCK-UP MAN (woodworking)
LIDDER (any ind.)
MILK-CRATE ASSEMBLER (wood. box)
PARTITION ASSEMBLER (wood. box.)
PIPE BUILDER, WOOD (wood preserving)
REEL ASSEMBLER (woodworking)
ROD PLACER (wood. box)
SCREEN TACKER (plan. mill)
SETTING-UP CLOSER (wood. box)
SETTING-UP FOLDER (wood. box)
SHEET TURNER (veneer & plywood)
STRAP NAILER (wood. box) II
THUMBER (wood. box)
WIRE BENDER (wood. box)
WOODENWARE ASSEMBLER (shaped wood. art.)

763. Fabrication and Repair of Furniture, n.e.c.

763.887 BLOW-OFF MAN (furn.)
DRAWER WAXER (furn.)

764. Cooperage

764.887 AIR FILLER (cooperage)
ASSEMBLER (cooperage)
BARREL-CHARRER HELPER (cooperage)
BARREL DRAINER (cooperage)
BARREL LINER, HAND (cooperage)
BARREL LINER, SPRAY (cooperage)
BARREL MARKER (cooperage)
BARREL-RAISER HELPER (cooperage)
BARREL WATERER (cooperage)
BUCKET-BOTTOM SETTER (cooperage)
BUNG DRIVER (cooperage)
BUNGHOLE REAMER (cooperage)
CHANNEL INSTALLER (cooperage)
COOPER HELPER (cooperage)
HEADER (cooperage) II
HEADING MATCHER AND ASSEMBLER (cooperage)
HEADING REPAIRER (cooperage)
HOGSHEAD COOPER (cooperage) II
HOGSHEAD COOPER (cooperage) III
HOGSHEAD HOOPER (cooperage)
HOOP NAILER (cooperage)
HOOP-REMOVER, HAND (cooperage)
LEAK HUNTER (distilled liquors)
LEVELER MAN (cooperage) II
PLUGGER (cooperage)
ROUGH-BOTTOM PILER (cooperage)

769. Fabrication and Repair of Wood Products, n.e.c.

769.887 PAD-MACHINE OFF-BEARER (excelsior)
PAD TAPER (excelsior)
PUTTY BOY (wood. box)
SHIM SETTER (woodworking)
SMOKING-PIPE LINER (smoking pipe)
VENEER-EDGE GLUER, HAND (veneer & plywood)
WOODWORKING-SHOP HAND (woodworking)

77 FABRICATION AND REPAIR OF SAND, STONE, CLAY AND GLASS PRODUCTS

770. Fabrication and Repair of Jewelry, Ornaments, and Related Products

770.887 ARTIFICIAL-PEARL MAKER (jewelry)
ARTIFICIAL-PEARL-MAKER HELPER (jewelry)
GAGER (jewelry)
PULVERIZER (jewelry)
SAWYER (jewelry) I

772. Glass Blowing, Pressing, Shaping, and Related Work, n.e.c.

772.887 BREAKER, SPRUES (glass mfg.)
HOT-METAL WORKER (glass mfg.)

773. Coloring and Decorating Brick, Tile, and Related Products

773.887 DECORATOR (glass mfg.; glass prod.) II

774. Fabrication and Repair of Pottery and Porcelain Ware

774.887 BISCUIT-WARE STOPPER (pottery & porc.)
JIGGERMAN HELPER (pottery & porc.)
LACER (stat. & art goods)
WARE CLEANER (pottery & porc.)

775. Grinding, Filing, Polishing, Frosting, Etching Cleaning, and Related Work, n.e.c.

775.887 FINISHER (stat. & art goods)
GLASS CUTTER, MACHINE (glass mfg.)
GLASS DRILLER (glass mfg.)
GOLD BURNISHER (pottery & porc.)
MIRROR CLEANER (mirror)
MIRROR-GLASS-CUTTER HELPER (mirror)
STOPPER GRINDER (glass mfg.)

775.887 WIPER (glass mfg.)
Con.

776. Fabrication and Repair of Asbestos and Polishing Products, Abrasives, and Related Materials

776.887 BELT MAKER (abrasive & polish. prod.)

779. Fabrication and Repair of Sand, Stone, Clay, and Glass Products, n.e.c.

779.887 BACKER (mirror)
BREAKER (glass prod.; mirror)
CARTRIDGE LOADER (elec. equip.)
CELL ASSEMBLER (plastics mat.)
END FINDER, ROVING DEPARTMENT (glass mfg.)
END FINDER, TWISTING DEPARTMENT (glass mfg.)
GLASS-BULB SILVERER (glass prod.)
TAPE-MOLD MAKER (plastics mat.)
WAXER (glass prod.)

78 FABRICATION AND REPAIR OF TEXTILE, LEATHER, AND RELATED PRODUCTS

780. Upholstering and Mattress and Bedspring Fabrication and Repair

780.887 BORDER MEASURER AND CUTTER (matt. & bedspring)
CLIP-AND-TURN MAN (matt. & bedspring)
CUSHION CLEANER (furn.)
FEATHER-CUTTING-MACHINE OPERATOR (house furn.)
FEEDER (house furn.)
FILLER (house furn.) I
HASSOCK MAKER (house furn.)
MATTRESS-SPRING ENCASER (matt. & bedspring) II
MATTRESS STRIPPER (matt. & bedspring)
POCKETED-SPRING INSERTER (auto. mfg.; furn.)
SPRING COVERER (furn.)
STAPLER, HAND (matt. & bedspring)
STUFFER (house furn.)
TUFTER, HAND (matt. & bedspring)
UPHOLSTERER HELPER (any ind.)
UPHOLSTERY CLEANER (furn.)

781. Laying Out, Marking, Cutting, and Punching, n.e.c.

781.887 CLOTH TEARER (garment; textile)
CUTTER, HAND (any ind.) I
CUTTER, HAND (any ind.) III
CUTTER HELPER (any ind.)
FELT CUTTER (optical goods)
GOODS LAYER (textile)
LAY-UP-MAN (toys & games)
MARKER (garment; knit goods) II
MARKING-PRESS OPERATOR (knit goods)
MARKING STITCHER (garment)
MATCH MARKER (garment)
POCKET MARKER (garment; knit goods)
RIBBON-CUT-OFF MAN (narrow fabrics)
SHOELACE-CUTTING-MACHINE OPERATOR (narrow fabrics)
SPREADER (any ind.) I
STAMPER (trim. & stamp. art goods)
STENCILER (garment)
TRIMMER, HAND (any ind.)

782. Handsewing, Mending, Embroidering, Knitting, and Related Work, n.e.c.

782.887 BASTING PULLER (garmet; knit goots)
BOW TIER (knit goods)
BUTTONER (garment; knit goods)
CLOTH-BALE HEADER (textile)
LAUNDRESS (knit goods)
NETTING INSPECTOR (cord. & twine)
PINNER (embroid.; garment)
PULLER-THROUGH (glove & mit.)
RAVELER (knit goods)
RIPPER (knit goods; tex. prod., n.e.c.)
RUG BRAIDER, HAND (fiber rugs)
SACK REPAIRMAN (any ind.)
SECONDS MAN (knit goods)
TAPE STRINGER (knit goods)
THREAD MARKER (garment)
TIPPER (knit goods) I

783. Fur Working

783.887 FUR RIPPER (fur goods)
FUR TRIMMER (fur goods)
STICKER (hat & cap)

784. Fabrication and Repair of Hats, Caps, Gloves, and Related Products

784.887 ASSEMBLER (hat & cap) I
BEADER, HAND (leather prod.)
BRIM RAISER (hat & cap)
CARROTER (hat & cap)
CROWN POUNCER, HAND (hat & cap)
EAR-MUFF ASSEMBLER (hat & cap)
ENDBAND CUTTER, HAND (hat & cap)
FLOORLADY, MILLINERY (hat & cap)
FRAMER (hat & cap)
HAT LACER (hat & cap)
LINING ATTACHER (hat & cap)
LURER (hat & cap)
OPENER (hat & cap)
OPERA-HAT-BRIM COVERER (hat & cap)
PACKER (hat & cap)
PASTER (hat & cap) I
PASTER (hat & cap) II
PASTER, HAND OR MACHINE (leather prod.)
POWDERER (hat & cap)
SINGER (hat & cap)
SIZER, BELTS (leather prod.)
SMOKE-ROOM OPERATOR (hat & cap)
STRAW-HAT BRUSHER (hat & cap)
STRAW-HAT-WASHER OPERATOR (hat & cap)
WIRE INSERTER (hat & cap)

788. Fabrication and Repair of Footwear

788.887 ANTISQUEAK FILLER (boot & shoe)
BOTTOM BLEACHER (boot & shoe)
BRUSHER (boot & shoe)
BUCKLER AND LACER (boot & shoe)
CEMENTER, HAND (boot & shoe)
DRESSER (boot & shoe)
DUST BRUSHER (boot & shoe)
EDGE POLISHER (boot & shoe)
FINISHING TRIMMER (boot & shoe)
FLARE BREAKER (boot & shoe)
FLOOR WORKER, LASTING (boot & shoe)
GOLF-SHOE-SPIKE ASSEMBLER (boot & shoe)
HAMMERER, TAB (boot & shoe)
HEEL BUILDER, HAND (boot & shoe)
HEEL DIPPER (boot & shoe)
HEEL DIPPER, INSOLE (boot & shoe)
INSOLE-STIFFENER AND HEEL-DIPPER (boot & shoe)
LABORER, BOOT AND SHOE (boot & shoe)
LACER (boot & shoe) I
LACING-STRING CUTTER (boot & shoe)
LAST CHALKER (boot & shoe)
LAST CLEANER (boot & shoe)
LAST PULLER, HAND (boot & shoe)
LAST PULLER, MACHINE (boot & shoe)
MOLDER, SHOE PARTS (boot & shoe)
PAINTER, BOTTOM (boot & shoe)
SCRAP SORTER (boot & shoe)
SHANK-PIECE TACKER (boot & shoe)
SHANK TAPER (boot & shoe)
SHOE CLEANER (boot & shoe)
SHOE COVERER (boot & shoe)
SHOE TURNER (boot & shoe)
SOLE SCRAPER (boot & shoe)
SOLE WETTER (boot & shoe)
STEEL-BOX-TOE INSERTER (boot & shoe)
TABLE WORKER (boot & shoe)
TACK-PULLER, HAND (boot & shoe)
TRIMMER, HAND (boot & shoe)
UPPER MULLER (boot & shoe)
VAMP CREASER (boot & shoe)
VAMP-STRAP IRONER (boot & shoe)
WELT-BUTTER, HAND (boot & shoe)
WELT TREATER (boot & shoe)
WHITE-SHOE RAGGER (boot & shoe)
WOOD-HEEL FINISHER (boot & shoe)

789. Fabrication and Repair of Textile, Leather, and Related Products n.e.c.

789.887 BAG CUTTER (tex. bag
BAG LINER (tex. bag)
BEATER (house furn.)
BOBBIN CLEANER, HAND (any ind.)
BOBBIN MARKER AND POLISHER (textile)
BOBBIN WINDER, HAND (hosiery; knit goods)
BONER (garment)
BRUSHER (glove & mit.; knit goods)
BUFFING TURNER AND COUNTER (tex. prod., n.e.c.)
CLIPPER (any ind.)

789.887 COLLAR MOLDER (garment)
Con. CUFF TURNER (hosiery) I
FINAL ASSEMBLER (garment)
FLOCKER (tex. prod., n.e.c.)
FOLDER (tex. bag)
FRINGER (house furn.) I
FRONT NOTCHER (knit goods)
GARMENT FOLDER (garment; knit goods)
GARMENT TURNER (garment; knit goods)
GARTER INSERTER (knit goods)
GLOVE TURNER (glove & mit.)
HANDLE BOY (leather prod.)
HANDLE MAKER (leather prod.)
HARNESS RIGGER (tex. prod., n.e.c.)
LABORER, CANVAS SHOP (canvas goods)
LACER (garment)
LINER (glove & mit.)
MIXER (waste & batting)
MONOGRAM-AND-LETTER PASTER (tex. prod., n.e.c.)
MOPHEAD - TRIMMER - AND - WRAPPER (house furn.)
MOP TIER (house furn.)
PAIRER (house furn.)
PARACHUTE-LINE TIER (tex. prod., n.e.c.)
PARACHUTE MARKER (tex. prod., n.e.c.)
PILLOW CLEANER (house furn.)
PLEAT TAPER (trim. & stamp. art goods)
QUILT STUFFER (house furn.)
REMNANTS CUTTER (textile)
REVERSER (house furn.)
RIVETER, HAND (garment)
RUG INSPECTOR HELPER (fiber rugs)
SAMPLE CLERK (textile) II
SEAM STEAMER (knit goods)
STEAM BOY (trim. & stamp. art goods)
STRAPPER (garment)
TAPER (house furn.)
TASSELER (narrow fabrics)
THREAD SEPARATOR (tex. prod., n.e.c.)
TIE PRESSER (knit goods)
TRIMMER (fiber rugs)
TURNER (any ind.)
VEIL DOTTER (trim. & stamp. art goods)
VENT-TAPE PINNER (tex. prod., n.e.c.)
WATERPROOFER, OILSKINS (garment)
WET-FABRIC-CONVEYOR ATTENDANT (knit goods)

79 BENCH WORK, N.E.C.

790. Preparation of Food, Tobacco, and Related Products, n.e.c.

790.887 CANDY CUTTER, HAND (confection.)
CHICKEN CUTTER (slaught. & meat pack.)
MOLD PRESSMAN (tobacco)
PLUG TAGGER (tobacco)
REJECT OPENER (tobacco)
ROLLER, HAND (tobacco) II
TABLE HAND (tobacco)
TWISTER, HAND (tobacco)

794. Fabrication of Paper Products, n.e.c.

794.887 ASSEMBLER, GREETING CARD (print. & pub.)
ASSEMBLER, HAND (paper goods)
BAG MAKER, HAND (paper goods)
BAG STRINGER (paper goods)
BARRIER GIRL (paper goods)
BOX COVERER, HAND (paper goods) II
CARDBOARD CUTTER (mirror & pic. frames)
COLOR-CARD MAKER (paint & varn.)
FOLDER, HAND (paper goods)
FORWARDER (print. & pub.)
FRILL MAKER (paper goods)
GARMENT-TAG STRINGER (paper goods)
GLUER AND SLICER, HAND (paper goods)
LAPPER (wallpaper)
PAPER-CONE MAKER (electronics)
PAPER-PATTERN FOLDER (paper goods)
PATTERN RULER (trim. & stamp. art goods)
PUNCHBOARD ASSEMBLER (paper goods) I
PUNCHBOARD ASSEMBLER (paper goods) II
SCRAPPER (paper goods)
STRINGER (paper goods)
TABBER (paper goods)
TRIMMER, HAND (paper goods)

80 METAL FABRICATING, N.E.C.

800. Riveting

800.887 BUCKER-UP (any ind.)
RIVETER HELPER (any ind.)

801. **Fitting, Bolting, Screwing, and Related Work**
801.887 FITTER HELPER (any ind.)
FRAME ASSEMBLER (mach. mfg.) II
INTERNAL-COMBUSTION-ENGINE ASSEMBLER HELPER (engine & turbine)
LABORER, CORRUGATED-IRON-CULVERT PLACING (const.)
STRUCTURAL-STEEL-WORKER HELPER (const.)
TANK-SETTER HELPER (petrol. production)
805. **Boilermaking and Related Work**
805.887 BOILERMAKER HELPER (boilermaking) I
806. **Transportation Equipment Assembling and Related Work**
806.887 ASSEMBLER, AUTOMOBILE (auto. mfg.)
INSPECTOR, BICYCLE (motor. & bicycles)
MOTOR TEST HELPER (auto. mfg.)
REPAIRMAN, GENERAL (auto. mfg.)
SHIPFITTER HELPER (ship & boat bldg. & rep.)
UPHOLSTERER (aircraft mfg.)
WHEEL ASSEMBLER (trans. equip.)
807. **Body Work, Transportation Equipment**
807.887 AUTOMOBILE-BODY-REPAIRMAN HELPER, METAL (auto. ser.)
STREETCAR-REPAIRMAN HELPER (loco. & car bldg. & rep.)
809. **Miscellaneous Metal Fabricating, n.e.c.**
809.887 HELPER, MANUFACTURING (aircraft mfg.)
HULL AND DECK REMOVER (ship & boat bldg. & rep.)
LABORER, SHIPYARD (ship & boat bldg. & rep.)
LABORER, STEEL HANDLING (const.)
MOLD PREPARER (ship & boat bldg. & rep.)
ORNAMENTAL-IRON WORKER HELPER (const.)
WIRE BENDER (matt. & bedspring)
81 **WELDING, FLAME CUTTING, AND RELATED WORK**
819. **Welding, Flame Cutting, and Related Work, n.e.c.**
819.887 WELDER HELPER (welding)
82 **ELECTRICAL ASSEMBLING, INSTALLING, AND REPAIRING**
821. **Transmission and Distribution Line and Circuit Assembly, Installation, and Repair**
821.887 GROUNDMAN (light, heat, & power; tel. & tel.)
HELPER, ELECTRICAL (light, heat, & power)
STEEL-POST-INSTALLER (light, heat, & power)
STONE UNLOADER (const.)
827. **Large Household Appliance and Similar Commercial and Industrial Equipment Assembly, Installation, and Repair**
827.887 ELECTRICAL-APPLIANCE-SERVICEMAN HELPER (any ind.)
SNOW MAN (any ind.)
829. **Assembly, Installation, and Repair of Electrical Products, n.e.c.**
829.887 CABLE-SPLICER HELPER (const.; light, heat, & power; tel. & tel.)
ELECTRICIAN HELPER (any ind.)
84 **PAINTING, PLASTERING, WATERPROOFING, CEMENTING, AND RELATED WORK**
840. **Construction and Maintenance Painting and Related Work**
840.887 DRY-WALL SANDER (const.)
PAINTER HELPER (const.)
PAINTER HELPER, BOAT (ship & boat bldg. & rep.)
PAINT-STRIPING-MACHINE OPERATOR (const.)
WHITEWASHER (const.)
842. **Plastering and Related Work**
842.887 PLASTERER HELPER (const.)
843. **Waterproofing and Related Work**
843.887 DOPEMAN (const.)
UNDERCOATER (auto. ser.)
WATERPROOFER HELPER (const.)
844. **Cement and Concrete Finishing and Related Work**
844.887 CEMENT-GUN-NOZZLEMAN HELPER (conc. prod.; const.)
CEMENT-MASON HELPER (const.)
CONCRETE-VIBRATOR OPERATOR (const.)
CONCRETE-VIBRATOR-OPERATOR HELPER (const.)
GROUTER HELPER (const.)
INSERT MAN (const.)
OIL SPRAYER (const.) III
STONE-AND-CONCRETE WASHER (const.)
845. **Transportation Equipment Painting and Related Work**
845.887 CAR SCRUBBER (loco. & car bldg. & rep.)
DEADENER (auto. mfg.)
849. **Painting, Plastering, Waterproofing, Cementing, and Related Work, n.e.c.**
849.887 WALLPAPER REMOVER, STEAM (const.)
85 **EXCAVATING, GRADING, PAVING, AND RELATED WORK**
850. **Excavating, Grading, and Related Work**
850.887 CRUSHED-STONE GRADER (const.)
DREDGE PIPEMAN (const.)
EXCAVATOR (any ind.)
HORIZONTAL-EARTH-BORING-MACHINE-OPERATOR HELPER (const.)
LABORER, PILE DRIVING, GROUND WORK (const.)
LABORER, ROAD (const.)
LABORER, SHORE DREDGING (const.)
MINER HELPER (const.) II
MUCKER, COFFERDAM (const.)
SHEETING PULLER (const.)
SHEET-PILE-HAMMER OPERATOR (const.)
SHEET-PILE-HAMMER-OPERATOR HELPER (const.)
SLICER (const.)
WELL DIGGER (const.)
851. **Drainage and Related Work**
851.887 DITCH DIGGER (mining & quarrying)
DUMP GRADER (const.)
FORM-STRIPPER HELPER (const.)
FORM TAMPER (const.)
GRADER (const.)
GRADE TAMPER (const.)
PIPE-LAYER HELPER (const.)
852. **Concrete Paving**
852.887 JOINT FILLER (const.)
LABORER, CONCRETE PAVING (const.)
MUD-JACK NOZZLEMAN (const.)
853. **Asphalt Paving**
853.887 COLD-PATCH MAN (const.)
LABORER, BITUMINOUS PAVING (const.)
SQUEEGEE MAN (const.)
859. **Excavating, Grading, Paving, and Related Work, n.e.c.**
859.887 AIR-HAMMER OPERATOR (const.)
BLASTER HELPER (any ind.)
CURB-SETTER HELPER (const.)
LABORER, STONE-BLOCK RAMMING (const.)
MUCKER (const.)
PAVING RAMMER (const.)
PUDDLER, PILE DRIVING (const.)
REINFORCING-STEEL WORKER, WIRE MESH (const.)
RIPRAP PLACER (const.)
WELL-DIGGER HELPER (const.)
SURFACEMAN, WELL DIGGING (const.)
86 **CONSTRUCTION WORK, N.E.C.**
860. **Carpentry and Related Work**
860.887 CARPENTER HELPER MAINTENANCE (const.)
LABORER, CARPENTRY (const.)
CARPENTER HELPER, HARDWOOD FLOORING (const.)
LABORER, CARPENTRY, DOCK (const.)
LABORER, SHAFT SINKING (const.)
SHIPWRIGHT HELPER (ship & boat bldg. & rep.)
861. **Brick and Stone Masonry and Tile Setting**
861.887 BRICK CLEANER (const.)
BRICKLAYER HELPER (const.)
BRICKLAYER HELPER, REFRACTORY BRICK (any ind.)
BRICK-PAVING CHECKER (const.)
BUILDING CLEANER, BRICK OR STONE (const.)
MOLD MAN (const.)
PATCHER HELPER (coke prod.)
STONEMASON HELPER (const.)
WALL WASHER (const.)
862. **Plumbing, Gas Fitting, Steam Fitting, and Related Work**
862.887 BACK-UP MAN (const.)
CLAMPMAN (const.)
CONNECTION MAN (const.)
CRANKMAN (const.)
LABORER, PIPE LINE (const.)
LABORER, PLUMBING (const.)
OIL-BURNER-INSTALLATION-AND-SERVICEMAN HELPER (any ind.)
PAPERHANGER, PIPE (const.)
864. **Floor Laying and Finishing Work**
864.887 FLOOR-FINISHER HELPER (const.)
FLOOR-LAYER HELPER (const.)
865. **Glass Setting and Related Work**
865.887 GLAZIER HELPER (const.)
866. **Roofing and Related Work**
866.887 ROOFER HELPER (const.)
ROOFER HELPER, VINYL COATING (const.)
869. **Miscellaneous Construction Work, n.e.c.**
869.887 AWNING-HANGER HELPER (canvas goods; const.; ret. tr.)
AXMAN, SURVEYING (any ind.)
CAMOUFLAGE ASSEMBLER (ordnance)
CONCRETE-FLOAT MAKER (conc. prod.)
CONCRETE-PUMP-OPERATOR HELPER (const.)
CONSTRUCTION WORKER (const.) II
FORM-SETTER HELPER (const.)
FORM STRIPPER (conc. prod.; const.)
FURNACE-INSTALLER-AND-REPAIRMAN HELPER, HOT AIR (any ind.)
HOD CARRIER (const.)
HOOSIER POLEMAN (const.)
LABORER, ADJUSTABLE STEEL JOIST (const.)
LABORER, CEMENT-GUN PLACING (const.)
LABORER, WRECKING AND SALVAGING (const.)
LOFTSMAN, PILE DRIVING (const.)
MIXER, HAND, CEMENT GUN (const.)
REINFORCING-IRON-WORKER HELPER (const.)
RIG-BUILDER HELPER (petrol. production)
ROUND-UP-RING MAN (conc. prod.)
STAIN REMOVER (const.)
STAKEMAN (any ind.)
TIMBER ROBBER (mining & quarrying)
TRACKMAN (const.)
89 **STRUCTURAL WORK, N.E.C.**
891. **Structural Maintenance, n.e.c.**
891.887 CHIMNEY SWEEP (any ind.)
FURNACE CLEANER (any ind.)
PROJECT-CREW MAN (any ind.)
TANK CLEANER (any ind.)
TUBE CLEANER (any ind.)
899. **Miscellaneous Structural Work, n.e.c.**
899.887 DECORATOR, STREET AND BUILDING (any ind.)
MAINTENANCE-MAN HELPER, BUILDING (any ind.)
SEPTIC-TANK SERVICEMAN (const.)
90 **MOTOR FREIGHT TRANSPORTATION**
905. **Heavy Truck Driving**
905.887 TRUCK-DRIVER HELPER (any ind.)
909. **Motor Freight Transportation, n.e.c.**
909.887 FURNITURE MOVER (motor trans.)
GARBAGE COLLECTOR (motor trans.) II
LABORER, GENERAL (motor trans.)
TANKER SERVICEMAN (motor trans.)
VAN-DRIVER HELPER (motor trans.)
91 **TRANSPORTATION WORK, N.E.C.**
910. **Railroad Transportation**
910.887 BAGGAGEMAN (r.r. trans.)
CAR COOPER (any ind.)
CAR ICER (ice; r.r. trans.; slaught. & meat pack.)
DUMPER-AND-FILLER (slaught. & meat pack.)
FREIGHT-CAR CLEANER, DELTA SYSTEM (r.r. trans.)
LAMPMAN (r.r. trans.)
LIGHTKEEPER, BRIDGE (r.r. trans.)
SWITCH TENDER (r.r. trans.)
TRACK OILER (r.r. trans.)
911. **Water Transportation**
911.887 CLEANER (any ind.) III
COAL HANDLER (water trans.)
COAL TRIMMER (water trans.)
DECKHAND (water trans.)
FENDER MAKER (ship & boat bldg. & rep.)
LINESMAN (water trans.)
ORDINARY SEAMAN (water trans.)
912. **Air Transportation**
912.887 LABORER, AIRPORT MAINTENANCE (air trans.)
LINEMAN (air trans.)
913. **Passenger Transportation, n.e.c.**
913.887 CAR CARDER (motor trans.)
914. **Pumping and Pipeline Transportation**
914.887 LABORER, PIPELINES (pipe lines)
PUMPMAN HELPER (any ind.)
915. **Parking Lot and Related Service Work**
915.887 AUTOMOBILE-SLIP-COVER INSTALLER (auto. ser.)
LUBRICATION MAN (auto. ser.)
PORTER, USED CAR LOT (ret. tr.; whole. tr.)
STEAM CLEANER (auto. ser.)

915.877 TAXI SERVICEMAN (motor trans.)
Con.
919. Miscellaneous Transportation Work, n.e.c.
919.887 CLEANER (any ind.) II
YARDMAN (agric.) I
92 PACKAGING AND MATERIALS HANDLING
920. Packaging
920.887 APPLE-PACKING HEADER (agric.)
BAGGER (clean., dye., & press.; laund.)
BAGGER (ret. tr.)
BAG LOADER (ammunition)
BALE CAPPER (tobacco)
BALE SEWER (agric.)
BANDER, HAND (paper goods)
BANDER, HAND (tobacco)
BANDOLEER PACKER (ammunition)
BLADDER PACKER, HAND (tobacco)
BOTTLING-LINE ATTENDANT (distilled liquors)
CARDBOARD INSERTER (hosiery)
CARRIER PACKER (surgical appl.)
COTTON TIER (agric.)
DENTAL FLOSS PACKER (surgical appl.)
GARMENT BAGGER (garment)
HANDKERCHIEF FOLDER (garment)
HOGSHEAD OPENER (tobacco)
LABEL CODER (malt liquors)
LABEL REMOVER (distilled liquors)
LINE-OUT MAN (tobacco) I
LINE-OUT MAN (tobacco) II
MACHINE-PACK ASSEMBLER (ammunition)
MARKER (any ind.) II
PACKAGER, HAND (any ind.)
PACKER (tobacco) I
PACKER, AGRICULTURAL PRODUCE (agric.; whole. tr.)
PAPER BOY (glass mfg.)
REPACK-ROOM WORKER (distilled liquors; malt liquors)
ROSIN-BARREL MAN (turp. & rosin.)
SAMPLE MOUNTER (any ind.)
SHINGLE PACKER (sawmill)
SHIPPING PROCESSOR (aircraft mfg.)
SHOE PACKER (boot & shoe)
SHOT BAGGER (ammunition)
SNUFF-BOX FINISHER (tobacco)
SNUFF-CAN ROLLER (tobacco)
SNUFF-TUMBLER TOPPER (tobacco)
STENCILER (any ind.)
STERILIZER (vinous liquors)
TABLE-COVER FOLDER (house furn.)
TIE BINDER (garment)
TISSUE INSERTER (hosiery)
TABACCO WRAPPER (tobacco)
TUMBLER UNPACKER (tobacco)
921. Hoisting and Conveying
921.887 KILN DRAWER (brick & tile)
RIGGER HELPER (any ind.)
WHARFMAN (water trans.) I
WINDLASS OPERATOR (any ind.)
922. Materials Moving and Storing, n.e.c.
922.887 ASPHALT-PLANT MAN (const.)
BELTMAN (water trans.)
BINDER AND WRAPPER PACKER (tobacco)
BIN FILLER (tobacco)
BOARD LAYER (rubber goods)
BOAT-LOADER HELPER (water trans.)
BULL-GANG MAN (tobacco)
CAN FILLER (tobacco)
CAR PINCHER (coke prod.)
COAL BAGGER (ret. tr.)
ELECTRIC-HAND-TRANSPORTER OPERATOR (ammunition)
HELPER CLEANER (mach. mfg.)
ICER (whole. tr.)
LABORATORY-SAMPLE CARRIER (any ind.)
LABORER, HEADING (const.)
LABORER, STORES (any ind.)
LAST PUTTER-AWAY (boot & shoe; rubber goods)
LOADER (any ind.) I
LOADER HELPER (any ind.)
LOCKER-PLANT ATTENDANT (motor trans.; ret. tr.; whole. tr.)
922.887 LONGSHOREMAN (water trans.)
Con. LUMBER HANDLER (woodworking) I
LUMBERYARD MAN (woodworking)
MATERIAL HAULER (const.)
MOLDMAN (sports equip.)
PICKLER HELPER (slaught. & meat pack.)
POWDER-FARM HELPER (ammunition)
PRIMING-MIXTURE CARRIER (ammunition)
PULLER (plan. mill)
PUMPER HELPER (slaught. & meat pack.)
RETURNED-GOODS SORTER (textile)
SORTER (woodworking)
TIMBER PACKER (sawmill)
WEASAND PILER (tobacco)
WOOL SACKER (agric.; textile)
YARDMAN (ret. tr.; whole. tr.) II
929. Packaging and Materials Handling, n.e.c.
929.887 BLUEPRINT TRIMMER (any ind.)
CHECK WEIGHER (sugar)
CIGAR-PACKER HELPER (tobacco)
CLOTH-BOLT BANDER (textile)
CUTTER, BANANA ROOM (whole. tr.)
DUMPER (any ind.)
FLOOR GIRL (chew. gum)
HOGSHEAD DUMPER (tobacco)
ICE-BOX MAN (whole. tr.)
LABORER, HIGH-DENSITY PRESS (agric.)
LABORER, SALVAGE (any ind.)
MATERIAL HANDLER (any ind.)
MUNITIONS HANDLER (ammunition)
NUT-AND-BOLT ASSEMBLER (nut & bolt)
PAPER LINER (tobacco)
PAPER SPOOLER (const.)
RETURNED-CASE INSPECTOR (malt liquors)
ROLL-COVERER, BURLAP (textile)
ROLLER-UP (textile)
WOOL TIER (agric.)
YARD LABORER (whole. tr.)
93 EXTRACTION OF MINERALS
930. Boring, Drilling, Cutting, and Related Work
930.887 BOTTOM-HOLE-PRESSURE-RECORDING-OPERATOR HELPER (petrol. production)
BREAKER (mining & quarrying)
CORE SPLITTER (mining & quarrying)
POINT DRIVER (mining & quarrying)
932. Loading and Conveying
932.887 BOTTOMER (mining & quarrying)
CHUTE LOADER (mining & quarrying)
HEADMAN (mining & quarrying)
LOADING-SHOVEL OILER (mining & quarrying)
SCRAPER LOADER OPERATOR HELPER (mining & quarrying)
933. Crushing
933.887 COBBER (mining & quarrying)
934. Screening and Related Work
934.887 CLEANER (mining & quarrying) I
FOOTMAN (salt production)
GRIZZLY WORKER (mining & quarrying; ore dress., smelt., & refin.)
939. Extraction of Minerals, n.e.c.
939.887 CAGER (mining & quarrying)
CAR CLEANER (mining & quarrying)
COMPANY LABORER (mining & quarrying)
LABORER (petrol. production)
LATRINE CLEANER (mining & quarrying)
QUARRY WORKER (mining & quarrying)
ROCK-DUST MAN (mining & quarrying)
SAMPLE WASHER (petrol. production)
SAND DRIER (mining & quarrying)
SANDMAN (mining & quarrying)
SPRINKLER (mining & quarrying)
TIMBERMAN HELPER (mining & quarring)
94 LOGGING
940. Timber Cutting and Related Work
940.887 CEDAR-POST CUTTER (agric.)
PIECE MAKER (logging)
POST CUTTER (agric.)
941. Log Inspecting, Grading, Scaling, and Related Work
941.887 LOG BRANDER (logging)
942. Log Sorting, Gathering, Storing, and Related Work
942.887 BOLT LOADER (sawmill)
942.887 CHASER (logging)
Con. CHOKERMAN (logging)
DECKMAN (logging) II
JAMMER (logging)
LOADER, HEAD (logging)
LOG-HAUL OPERATOR (sawmill)
LOG LOADER (logging)
PEELER (basketry; logging; sawmill; veneer & plywood)
PLUG SETTER (logging)
SIDE-LINE MAN (logging)
SLED TENDER (logging) II
949. Logging, n.e.c.
949.887 BUSH MONKEY (logging)
GATE TENDER (logging)
HEWER (logging)
RIGGER, THIRD (logging)
ROAD MAKER (logging)
SWAMPER (logging)
95 PRODUCTION AND DISTRIBUTION OF UTILITIES
952. Generation, Transmission, and Distribution of Electric Light and Power
952.887 COAL SAMPLER (light, heat, & power)
FLOORMAN, DISTRIBUTION SUBSTATION (light, heat, & power)
HYDROELECTRIC - PLANT - MAINTENANCE MAN (light, heat, & power)
LABORER, ELECTRIC POWER AND TRANSMISSION LINE (const.; light, heat, & power)
STREET-LIGHT MAN (light, heat, & power)
953. Production and Distribution of Gas
953.887 TURN-OFF-AND-TURN-ON MAN (light, heat, & power)
954. Filtration, Purification, and Distribution of Water
954.887 FILTER-BED PLACER (const.)
WATER-FILTER CLEANER (waterworks)
955. Refuse and Sewage Disposal
955.887 SEWAGE-DISPOSAL WORKER (sanitary ser.)
SNOW SHOVELER (gov. ser.)
STREET CLEANER (gov. ser.)
UTILITY MAN (gov. ser.)
959. Production and Distribution of Utilities, n.e.c.
959.887 TREE TRIMMER, GROUNDMAN (light, heat, & power; tel. & tel.)
96 AMUSEMENT, RECREATION, AND MOTION PICTURE WORK, N.E.C.
962. Motion Picture Production, n.e.c.
962.887 FILM LOADER (motion pic.)
PROPERTY HANDLER (motion pic.; radio & tv broad.)
RIGGER (motion pic.)
PROPERTY MAN (motion pic.)
STAGE MAN (motion pic.)
STAND BY GRIP (motion pic.)
SWING-GANG WORKER (motion pic.)
963. Radio and Television Production, n.e.c.
963.887 CAMERAMAN, ASSISTANT (radio & tv broad.)
964. Theatrical and Related Entertainment Production, n.e.c.
964.887 FLYMAN (amuse. & rec.)
STAGE CLEARER (amuse. & rec.)
969. Miscellaneous Amusement, Recreation, and Motion Picture Work, n.e.c.
969.887 CIRCUS LABORER (amuse. & rec.)
ICEMAN, SKATING RINK (amuse. & rec.)
97 GRAPHIC ART WORK
971. Photoengraving
971.887 ETCHER HELPER, HAND (print. & pub.)
972. Lithography and Related Work
972.887 PLATE SETTER (print. & pub.)
976. Darkroom Work, n.e.c.
976.887 FILM LOADER (any ind.)
FILM NUMBERER (any ind.)
PHOTOGRAPHER HELPER (any ind.)
PRINT WASHER (any ind.)
TRANSFERRER, NUMBER (motion pic.)
977. Bookbinding and Related Work
977.887 BOOKMAKER, MAP (print. & pub.)
979. Graphic Art Work, n.e.c.
979.887 PHOTOLITH OPERATOR (any ind.)
PHOTOSTAT-PRINT CUTTER (any ind.)

ENGINEERING

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.081	Engineering Research and Design	371
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.181, .281	Drafting and Related Work	377
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.187	Engineering and Related Work	381
.188, .288	Industrial Engineering and Related Work	383
.188, .288	Surveying, Prospecting, and Related Work	385
.188, .288	Technical Writing and Related Work	387

ENGINEERING RESEARCH AND DESIGN

.081

Work Performed

Work activities in this group primarily involve using and adapting earth substances, properties of matter, natural sources of power, and physical forces to satisfy human needs and desires. Typically, workers are engaged in conducting analyses and experiments of materials and systems by application of known laws and relationships; in conceiving and designing new structures, machines, tools, precision instruments, and other devices; in devising and constructing cooling, heating, lighting, communication, transportation, and other productive systems; in developing the most practical forms of new techniques, processes, and products; in performing structural, functional, and compositional tests of materials and parts; and in preparing technical reports of investigations.

Worker Requirements

An occupationally significant combination of: Ability to learn and apply basic engineering principles and methods; good visual acuity with respect to graphic representations; creative talent or imagination; ability to perceive or visualize spatial relationships of plane and solid objects; logical mind; organizational ability; and facility in mathematics.

Clues for Relating Applicants and Requirements

Level of attainment in language and mathematics as indicated by scores on aptitude tests and grades in educational courses.

Previous drawings or sketches produced, either freehand or mechanical.

Kind of literature read (whether scientifically or technically oriented).

Clear, coherent verbal expression.

Interest in scientific and technological developments.

Training and Methods of Entry

A bachelor's degree in engineering is usually the minimum educational requirement for entrance into this field. However, some draftsmen and engineering technicians having extensive experience together with some college-level training may qualify for entry.

Most employers require either advanced graduate degrees or significant experience on the basic engineering level for entry into research work.

Students interested in engineering should acquire a strong background in mathematics and the physical sciences.

RELATED CLASSIFICATIONS

Sales Engineering (.151) p. 373
Engineering, Scientific, and Technical Coordination (.168) p. 375
Engineering and Related Work (.187) p. 381
Technical Work, Engineering and Related Fields (.181; .281) p. 379
Industrial Engineering and Related Work (.188; .288) p. 383
Drafting and Related Work (.181; .281) p. 377

QUALIFICATIONS PROFILE

GED: 6
SVP: 8 7

Apt:	GVN	SPQ	KFM	EC
	1 1 1	1 2 4	3 3 3	5 4
	2 2	2 3		

Int: 7 8
Temp: 4 0 Y
Phys. Dem: S L 4 6

00 } 01 } **ARCHITECTURE AND ENGINEERING**

001. **Architecture**

001.081 ARCHITECT (profess. & kin.)
ARCHITECT, MARINE (profess. & kin.)

002. **Aeronautical Engineering**

002.081 AERODYNAMIST (aircraft mfg.)
AERONAUTICAL ENGINEER (profess. & kin.)
AIRCRAFT DESIGNER (aircraft mfg.)
ENGINEER, CONTROLS (aircraft mfg.)
ENGINEERING DESIGNER, AIRCRAFT STRUCTURES (aircraft mfg.)
ENGINEER, STANDARDS AND ANALYSIS (aircraft mfg.)
FLIGHT ANALYST (aircraft mfg.)
PROPULSION-SYSTEMS-DESIGN ENGINEER (aircraft mfg.)
RESEARCH ENGINEER, AERONAUTICAL (aircraft mfg.)
STRESS ANALYST, AIRCRAFT (aircraft mfg.)
TEST ENGINEER, AIRCRAFT (aircraft mfg.)
WIND-TUNNEL-TEST ENGINEER (aircraft mfg.)

003. **Electrical Engineering**

003.081 ELECTRICAL ENGINEER (profess. & kin.)
ELECTRICAL-EQUIPMENT ENGINEER (profess. & kin.)
ELECTRICAL-PROSPECTING ENGINEER (petrol. production)
SIGNAL ENGINEER (profess. & kin.)
ELECTRICAL-RESEARCH ENGINEER (profess. & kin.)
ELECTRONIC ENGINEER (profess. & kin.)
AUDIO ENGINEER (profess. & kin.)
ELECTRONIC-ORGAN ENGINEER (profess. & kin.)
ILLUMINATING ENGINEER (profess. & kin.)
BUILDING-ILLUMINATING ENGINEER (profess. & kin.)
ILLUMINATING-RESEARCH ENGINEER (profess. & kin.)
INDUSTRIAL-ILLUMINATING ENGINEER (profess. & kin.)
OUTDOOR-ILLUMINATING ENGINEER (profess. & kin.)
POWER-PLANT ENGINEER (light, heat, & power)
RADIO ENGINEER (profess. & kin.)
RADIO-DESIGN ENGINEER (profess. & kin.)
RADIO-RESEARCH ENGINEER (profess. & kin
ROCKET-ENGINE-TEST ENGINEER (aircraft mfg.)

003.081 Con. TELEGRAPH ENGINEER (tel. & tel.)
TELEPHONE ENGINEER (tel. & tel.)
EQUIPMENT ENGINEER (tel. & tel.)
LINE-CONSTRUCTION ENGINEER (tel. & tel.)
TELECOMMUNICATIONS-SERVICE ENGINEER (tel. & tel.)

005. **Civil Engineering**

005.081 AIRPORT ENGINEER (profess. & kin.)
CIVIL ENGINEER (profess. & kin.)
CONSTRUCTION ENGINEER (profess. & kin.)
STRUCTURAL DESIGNER (profess. & kin.)
HIGHWAY ENGINEER (profess. & kin.)
HYDRAULIC ENGINEER (profess. & kin.)
IRRIGATION ENGINEER (agric.)
MATERIALS ENGINEER (profess. & kin.)
RAILROAD ENGINEER (profess. & kin.)
SANITARY ENGINEER (profess. & kin.)
PURIFICATION-PLANT OPERATOR (profess. & kin.)
SEWAGE-DISPOSAL ENGINEER (profess. & kin.)
STRUCTURAL ENGINEER (const.)

006. **Ceramic Engineering**

006.081 CERAMIC ENGINEER (profess. & kin.)

007. **Mechanical Engineering**

007.081 AIR-CONDITIONING ENGINEER (profess. & kin.)
AUTOMOTIVE ENGINEER (auto. mfg.)
DAIRY-PLANT ENGINEER (profess. & kin.)
DESIGNER, ARMS (firearms)
INTERNAL - COMBUSTION - ENGINE DESIGNER (profess. & kin.)
LUBRICATION ENGINEER (profess. & kin.)
MECHANICAL ENGINEER (profess. & kin.)
OPTICAL TECHNICIAN (optical goods) I
POWER-PLANT ENGINEER, STEAM (profess. & kin.)
PRODUCT-DESIGN ENGINEER, CHIEF (clock & watch)
REFRIGERATION ENGINEER (profess. & kin.)
STEAM-DISTRIBUTION ENGINEER (light, heat, & power)
TOOL DESIGNER (profess. & kin.)
GAGE DESIGNER (profess. & kin.)
SMALL-TOOL DESIGNER (profess. & kin.)
TOOL-DESIGNER APPRENTICE (profess. & kin.)
TOOL ENGINEER (profess. & kin.)
UTILIZATION ENGINEER (light, heat, & power)
VALVE-DESIGNING ENGINEER (profess. & kin.)

008. **Chemical Engineering**

008.081 CHEMICAL ENGINEER (profess. & kin.)
ABSORPTION-AND-ADSORPTION ENGINEER (profess. & kin.)
ELECTROCHEMICAL ENGINEER (profess. & kin.)
HEAT-TRANSFER ENGINEER (profess. & kin.)
MATERIALS-HANDLING ENGINEER (profess. & kin.)
MEASUREMENT-AND-CONTROL ENGINEER (profess. & kin.)
MIXING ENGINEER (profess. & kin.)
SEPARATION ENGINEER (profess. & kin.)
SIZE-REDUCTION ENGINEER (profess. & kin.)
COMBUSTION ENGINEER (profess. & kin.)

010. **Mining and Petroleum Engineering**

010.081 MINING ENGINEER (profess. & kin.)
PETROLEUM ENGINEER (petrol. production)
DIRECTIONAL-DRILLING ENGINEER (petrol. production)
DISTRICT SUPERVISOR, MUD-ANALYSIS WELL LOGGING (petrol. production)
SAFETY ENGINEER, MINES (profess. & kin.)

011. **Metallurgy and Metallurgical Engineering**

011.081 FOUNDRY METALLURGIST (found.)
METALLURGIST, EXTRACTIVE (profess. & kin.)
METALLURGIST, PHYSICAL (profess. & kin.)
METALLOGRAPHER (profess. & kin.)
PATTERN ENGINEER (profess. & kin.)
WELDING ENGINEER (profess. & kin.)

012. **Industrial Engineering**

012.081 SAFETY ENGINEER (profess. & kin.)

013. **Agricultural Engineering**

013.081 AGRICULTURAL ENGINEER (profess. & kin.)

014. **Marine Engineering**

014.081 MARINE ENGINEER (profess. & kin.)

015. **Nuclear Engineering**

015.081 NUCLEAR ENGINEER (profess. & kin.)

019. **Architecture and Engineering, n.e.c.**

019.081 INSPECTOR, CHIEF (fabric. plastics prod.; rubber goods)
LANDSCAPE ARCHITECT (profess. & kin.)
OPTICAL ENGINEER (profess. & kin.)
ORDNANCE ENGINEER (ammunition; explosives)
PHOTOGRAPHIC ENGINEER (profess. & kin.)

020. **Mathematics and Physical Sciences**

020.088 APPLICATIONS ENGINEER (profess. & kin.)

SALES ENGINEERING

.151

Work Performed

Work activities in this group primarily involve the technical presentation, sale, and installation of engineering products or services. Workers apply a knowledge of engineering to a market situation. Typically, they advise and assist customers in purchasing such commodities and services as industrial machinery, air-conditioning systems, and utilities; modify or adapt them to suit the particular needs of the customer; and direct their installation. Close liaison with the customer is necessary when solving technical problems, working out comparative cost factors, and convincing him of the desirability of one product over another.

Worker Requirements

An occupationally significant combination of: Intellectual capacity and interest necessary to learn and apply principles and techniques of engineering; facility with numbers and geometric, arithmetic, and albegraic principles; ability to visualize spatial relationships; conversational agility; and persuasive powers.

Clues for Relating Applicants and Requirements

Poise and a strong personality in an interview.
Academic background in engineering.
Popularity in school.
Good grooming.
Good vocabulary.

Training and Methods of Entry

A college degree in a branch of engineering, with coursework in business administration (marketing), is practically a necessity for entry into sales engineering work. Occasionally, an employer will give a person who has been doing advanced technical work without benefit of a degree an opportunity in selling if he feels that his technical competence and persuasive abilities compensate for lack of a college education. Most employers offer formal training programs or on-the-job training where a beginner is teamed with an experienced worker.

RELATED CLASSIFICATIONS

Engineering Research and Design (.081) p. 371
Purchase and Sales Work (.158; .168) p. 484
Engineering and Related Work (.187) p. 381
Demonstration and Sales Work (.258; .358; .458) p. 488
Drafting and Related Work (.181; .281) p. 377
Technical Work, Engineering, and Related Fields (.181; .281) p. 379
Engineering, Scientific, and Technical Coordination (.168) p. 375
Technical Writing and Related Work (.188; .288) p. 387
Industrial Engineering and Related Work (.188; .288) p. 383

QUALIFICATIONS PROFILE

GED: 5
SVP: 7 8

Apt:	GVN	SPQ	KFM	EC
	2 2 2	2 3 4	3 3 3	5 5
	1 1	1 2		

Int: 2 6 7
Temp: 5 7 0
Phys. Dem: L 5 6

00, 01 **ARCHITECTURE AND ENGINEERING**

003. Electrical Engineering

003.151 INDUSTRIAL-POWER ENGINEER (light, heat, & power)

SPECIAL-SERVICE REPRESENTATIVE (tel. & tel.)

007. Mechanical Engineering

007.151 HEATING ENGINEER (light, heat, & power)

010. Mining and Petroleum Engineering

010.151 SALES ENGINEER, OIL-WELL SERVICES (petrol. production)

ENGINEERING, SCIENTIFIC, AND TECHNICAL COORDINATION

.168

Work Performed

Work activities in this group primarily involve planning and coordinating engineering, scientific, and technical programs and activities. Typically, work occurs in a scientific or industrial environment and involves formulating policies and standards, planning and directing projects and programs, and monitoring personnel.

Work Requirements

An occupationally significant combination of: Intellectual capacity to comprehend and apply engineering, scientific, or technical principles and methods; organizational ability to plan, formulate, and carry out programs and policies; verbal facility to deal effectively with personnel; and mathematical ability.

Clues for Relating Applicants and Requirements

Successful background in appropriate field.
Expressed desire to work with people.
Clear, coherent, verbal expression.
Interest in scientific and technological developments.

Training and Methods of Entry

The minimum of a bachelor's degree in the occupational specialty is usually required for entry, with many employers requiring education at the graduate level. The worker usually enters the job by virtue of successful performance, length of experience, and demonstrated ability to organize complex activities and deal with people.

RELATED CLASSIFICATIONS

Technical Work, Engineering and Related Fields (.181; .281) p. 379
Engineering and Related Work (.187) p. 381
Industrial Engineering and Related Work (.188; .288) p. 383
Engineering Research and Design (.081) p. 371
Administration (.118; .168) p. 237
Mathematics, Physical Sciences, and Related Research (.088; .188) p. 468

QUALIFICATIONS PROFILE

GED: 5 6
SVP: 7 8 9

Apt:	GVN	SPQ	KFM	EC
	2 2 2	2 2 3	4 4 4	5 5
	1 1 1	3 3 4	3 3 3	4 4

Int: 7 6 5
Temp: 1 4 5 9 0 Y
Phys. Dem: S L M H 3 4 5 6

00 } 01 } **ARCHITECTURE AND ENGINEERING**

001. Architecture
001.168 SCHOOL-PLANT CONSULTANT (education)

002. Aeronautical Engineering
002.168 INSPECTOR, MATERIAL TEST (aircraft mfg.)

003. Electrical Enginering
003.168 SUPERVISOR, ELECTRONIC MAINTENANCE (gov. ser.)

005. Civil Engineering
005.168 CHIEF ENGINEER, WATERWORKS (waterworks)
HIGHWAY-ADMINISTRATIVE ENGINEER (gov. ser.)
SUPERINTENDENT, WATER-AND-SEWER SYSTEMS (waterworks)

007. Mechanical Engineering
007.168 CHIEF ENGINEER (mach. tool & access.)
TOOL ENGINEER, CHIEF (clock & watch)

010. Mining and Petroleum Engineering
010.168 COMPUTER CHIEF, SEISMOGRAPH (petrol. production)
ENGINEER, CHIEF (petrol. production; pipe lines)
FIELD ENGINEER (petrol. production; pipe lines)
OBSERVER, SEISMIC PROSPECTING (petrol. production)
PETROLEUM ENGINEER, CHIEF (petrol. production)
RESEARCH ENGINEER, CHIEF (petrol. production)
SCOUT, CHIEF (petrol. production)
SUPERINTENDENT, OIL-WELL SERVICES (petrol. production)
WELL-LOGGING CAPTAIN, MUD ANALYSIS (petrol. production)

011. Metallurgy and Metallurgical Engineering
011.168 DIRECTOR, PHYSICAL TESTING (profess. & kin.)

012. Industrial Engineering
012.168 DIRECTOR, QUALITY CONTROL (profess. & kin.)
METHODS ENGINEER, CHIEF (profess. & kin.)
SUPERVISOR, VENDOR QUALITY (aircraft mfg.)
SYSTEMS ANALYST, BUSINESS ELECTRONIC DATA PROCESSING (profess. & kin.)

017. Drafting and Related Work
017.168 DRAFTSMAN, CHIEF, DESIGN (light, heat, & power)
SUPERVISOR, MAPPING (petrol. production; pipe lines)
SUPERVISOR, TOPOGRAPHICAL MAPPING (profess. & kin.)

018. Surveying and Related Work
018.168 CHIEF LAND EXAMINER (gov. ser.)
CHIEF OF PARTY (profess. & kin.) II

019. Architecture and Engineering, n.e.c.
019.168 SUPERVISOR, ESTIMATOR AND DRAFTSMAN (light, heat, & power)

02 MATHEMATICS AND PHYSICAL SCIENCES

020. Mathematics
020.168 PROGRAMER, CHIEF, BUSINESS (profess. & kin.)
PROJECT DIRECTOR, BUSINESS DATA PROCESSING (profess. & kin.)

022. Chemistry
022.168 CHEMICAL-LABORATORY CHIEF (profess. & kin.)
LABORATORY SUPERVISOR (profess. & kin.)

029. Mathematics and Physical Sciences, n.e.c.
029.168 GEOPHYSICAL - LABORATORY SUPERVISOR (petrol. production)

04 LIFE SCIENCES

041. Biological Sciences
041.168 FISH CULTURIST (fish.)

07 MEDICINE AND HEALTH

078. Medical and Dental Technology
078.168 MEDICAL TECHNOLOGIST, CHIEF (medical ser.)
RADIOLOGIC TECHNOLOGIST, CHIEF (medical ser.)

16 ADMINISTRATIVE SPECIALTIES

168. Inspecting and Investigating, Managerial and Public Service
168.168 QUALITY-CONTROL CLERK (drug. prep. & rel. prod.)

18 MANAGERIAL WORK, N.E.C.

183. Manufacturing Industry Management
183.168 SUPERVISOR, INSPECTION (aircraft mfg.)

19 MISCELLANEOUS PROFESSIONAL, TECHNICAL, AND MANAGERIAL WORK

193. Radio Operating
193.168 AIRLINE-RADIO OPERATOR, CHIEF (air trans.)

194. Sound Recording, Transcribing, and Reproducing
194.168 MANAGER, SOUND EFFECTS (radio & tv broad.)

199. Miscellaneous Professional, Technical, and Managerial Work, n.e.c.
199.168 PROOF DIRECTOR (ammunition; firearms)

96 AMUSEMENT, RECREATION, AND MOTION PICTURE WORK, N.E.C.

963. Radio and Television Production, n.e.c.
963.168 DIRECTOR, TECHNICAL (radio & tv broad.)

DRAFTING AND RELATED WORK

.181; .281

Work Performed

Work activities in this group primarily involve the translation of ideas, rough sketches, specifications, and calculations of engineers, architects, and designers into complete and accurate working plans for use in building or manufacturing.

Worker Requirements

An occupationally significant combination of: Ability and interest necessary to understand and apply technical knowledge and theoretical principles involved in drafting, engineering, mathematics, and related fields; ability to visualize spatial relationships, perceive slight differences in visual matter, and work with detail; and finger dexterity.

Clues for Relating Applicants and Requirements

Success in mechanical drawing and shop courses in high school.

Expressed preference for working around mechanical, architectural, or similar objects.

Demonstrated skill in drawing.

Training and Methods of Entry

Graduation from vocational or technical high school is frequently the minimum educational requirement for entry into the field. Many employers require additional training, such as that received in a technical institute, junior or community college, extension division of a university, correspondence school, or a college offering special 2-year programs. Training also may be obtained through 3- or 4-year apprenticeship programs or through on-the-job programs combined with part-time schooling. Courses include mathematics, physical sciences, mechanical drawing, standard methods of lettering, and tracing.

RELATED CLASSIFICATIONS

Art Work (.081) p. 232
Engineering and Related Work (.187) p. 381
Engineering Research and Design (.081) p. 371
Technical Work, Engineering and Related Fields (.181; .281) p. 379

QUALIFICATIONS PROFILE

GED: 4 5
SVP: 7

Apt:	GVN	SPQ	KFM	EC
	2 3 2	1 2 3	2 2 3	5 4
		2	3 3	

Int: 1 7 9
Temp: 0 Y
Phys. Dem: S

690-377 O—65—vol. 2——25

00 } 01 } **ARCHITECTURE AND ENGINEERING**

001. **Architecture**
001.281 DRAFTSMAN, ARCHITECTURAL (profess. & kin.)
002. **Aeronautical Engineering**
002.281 DESIGN DRAFTSMAN, RAM-JET ENGINE (profess. & kin.)
DRAFTSMAN, AERONAUTICAL (profess. & kin.)
ENGINEERING CHECKER (aircraft mfg.)
003. **Electrical Engineering**
003.281 DRAFTSMAN, ELECTRICAL (profess. & kin.)
DRAFTSMAN, RELAY (light, heat, & power)
DRAFTSMAN, ELECTRONIC (profess. & kin.)
ESTIMATOR AND DRAFTSMAN (light, heat, & power)
005. **Civil Engineering**
005.281 DESIGNER, HIGHWAYS (gov. ser.)
DRAFTSMAN, CIVIL (profess. & kin.)
DRAFTSMAN, STRUCTURAL (profess. & kin.)
007. **Mechanical Engineering**
007.181 DIE DESIGNER (mach. shop)
DIE CHECKER (mach. shop) I
DIE-DESIGNER APPRENTICE (mach. shop.)
ENGINEERING ASSISTANT, MECHANICAL EQUIPMENT (profess. & kin.)
007.281 DRAFTSMAN. MECHANICAL (profess. & kin.)
DRAFTSMAN, CASTINGS (profess. & kin.)
DRAFTSMAN, PATENT (profess. & kin.)
DRAFTSMAN, TOOL DESIGN (profess. & kin.)
LAY-OUT MAN AND CHECKER (profess. & kin.)

010. **Mining and Petroleum Engineering**
010.281 DRAFTSMAN, GEOLOGICAL (petrol. production)
DRAFTSMAN, DIRECTIONAL SURVEY (petrol production)
DRAFTSMAN, GEOPHYSICAL (petrol. production)
DRAFTSMAN, MINE (mining & quarrying)
014. **Marine Engineering**
014.281 DRAFTSMAN, MARINE (profess. & kin.)
DRAFTSMAN, HULL (profess. & kin.)
DRAFTSMAN, HYDRAULIC (ship & boat bldg. & rep.)
DRAFTSMAN, SHEET METAL (ship & boat bldg. & rep.)
DRAFTSMAN, SHIP ENGINEERING (profess. & kin.)
017. **Drafting and Related Work**
017.281 AUTO-BODY DESIGNER (auto. mfg.)
AUTO-BODY LAY-OUT DRAFTSMAN (auto. mfg.)
CABLE-LAY-OUT MAN (tel. & tel.)
DESIGN DRAFTSMAN, ELECTROMECHANISMS (profess. & kin.)
DETAILER (profess. & kin.)
AUTO-BODY-DESIGN DETAILER (auto. mfg.)
DETAIL MAN, FURNITURE (profess. & kin.)
DRAFTSMAN, DETAIL (profess. & kin.)
DRAFTSMAN, SHIP DETAIL (profess. & kin.)
DRAFTSMAN APPRENTICE (profess. & kin.)

017.281 Con. DRAFTSMAN, BLACK AND WHITE (profess. & kin.)
DRAFTSMAN, COMMERCIAL (profess. & kin.)
DRAFTSMAN, HEATING AND VENTILATING (profess. & kin.)
DRAFTSMAN, MAP (profess. & kin.)
DRAFTSMAN, OIL AND GAS (petrol. production; petrol. refin.)
DRAFTSMAN, PLUMBING (profess. & kin.)
DRAFTSMAN, REFRIGERATION (profess. & kin.)
DRAFTSMAN, TOPOGRAPHICAL (profess. & kin.)
MULTIPLEX-PROJECTION TOPOGRAPHER (profess. & kin.)
TECHNICAL ILLUSTRATOR (profess. & kin.)
TRACER (any ind.)
018. **Surveying and Related Work**
018.181 SURVEYOR, TOPOGRAPHICAL PHOTOGRAPHY (profess. & kin.)
018.281 EDITOR, MAP (profess. & kin)
MOSAICIST (profess. & kin.)
PHOTOGRAMMETRIST (profess. & kin.)
019. **Architecture and Engineering, n.e.c.**
019.181 AUTO-BODY-DESIGN CHECKER (auto. mfg.)
019.281 DRAFTSMAN, LANDSCAPE (profess. & kin.)
OFFICE-LAY-OUT-SERVICE MAN (ret. tr.; whole. tr.)

24 **MISCELLANEOUS CLERICAL WORK**

249. **Miscellaneous Clerical Work, n.e.c.**
249.281 DRAFTING CLERK (clerical)

TECHNICAL WORK, ENGINEERING AND RELATED FIELDS

.181; .281

Work Performed

Work activities in this group primarily involve the application of engineering related and technical knowledge in direct support of the engineer. Typically, tasks performed are functional parts of engineering activities requiring the practical application of fundamental theory in such specialized areas as research, design, and development.

Worker Requirements

An occupationally significant combination of: Ability to learn and apply basic engineering and technical principles and methods; facility with mathematics and language; and spatial perception.

Clues for Relating Applicants and Requirements

Success in vocational and mathematical courses in high school.
Interest in current technological developments.
Subscriptions to engineering and technical magazines.

Training and Methods of Entry

Graduation from a technical institute or the completion of specialized programs in junior colleges or universities is usually required for entry into this field. A worker who has acquired the necessary knowledge of mathematics through apprenticeship or related programs also may find entry into this field.

RELATED CLASSIFICATIONS

Technical Work, Science and Related Fields (.384) p. 413
Materials Analysis and Related Work (.181; .281; .381) p. 418
Drafting and Related Work (.181; .281) p. 377
Engineering and Related Work (.187) p. 381

QUALIFICATIONS PROFILE

GED: 4 5
SVP: 6 7

Apt:	GVN	SPQ	KFM	EC
	2 2 2	2 2 3	2 2 2	3 3
	3 3 3	3 3	3 3 3	4 4

Int: 7 9
Temp: Y 0
Phys. Dem: S L M 4 5 6

00, 01 ARCHITECTURE AND ENGINEERING

002. Aeronautical Engineering

002.281 FLIGHT-TEST-DATA TRANSCRIBER (aircraft mfg.)

003. Electrical Engineering

003.181 ELECTRICAL TECHNICIAN (profess. & kin.)
ELECTRONIC TECHNICIAN (profess. & kin.)
SYSTEMS-TESTING-LABORATORY TECHNICIAN (profess. & kin.)

003.281 INSTRUMENTATION TECHNICIAN (profess. & kin.)

007. Mechanical Engineering

007.181 MECHANICAL-ENGINEERING TECHNICIAN (profess. & kin.)

010. Mining and Petroleum Engineering

010.281 FIELD ENGINEER, SPECIALIST (petrol. production)

013. Agricultural Engineering

013.181 AGRICULTURAL-ENGINEERING TECHNICIAN (profess. & kin.)

015. Nuclear Engineering

015.181 ACCELERATOR OPERATOR (profess. & kin.)
GAMMA-FACILITIES OPERATOR (chem.)
SCANNER (profess. & kin.)

019. Architecture and Engineering, n.e.c.

019.281 QUALITY-CONTROL TECHNICIAN (profess. & kin.)

019.281 Con. STANDARDS-LABORATORY TECHNICIAN (aircraft mfg.; electronics)
TEST TECHNICIAN (agric. equip.)

19 MISCELLANEOUS PROFESSIONAL, TECHNICAL, AND MANAGERIAL WORK

194. Sound Recording, Transcribing, and Reproducing

194.281 SOUND-EFFECTS MAN (radio & tv broad.)

199. Miscellaneous Professional, Technical, and Managerial Work, n.e.c.

199.181 PROOF TECHNICIAN (ammunition; firearms)

ENGINEERING AND RELATED WORK

.187

Work Performed

Work activities in this group primarily involve the application of engineering knowledge to the planning, direction, and installation of projects and systems. Typically, workers are concerned with a specific field of engineering, such as civil engineering, mechanical engineering, and electrical engineering.

Worker Requirements

An occupationally significant combination of: Organizational ability; clear verbal expression; ability to learn and apply engineering principles and methods; spatial and form perception; and facility with mathematics.

Clues for Relating Applicants and Requirements

Expressed interest in industrial developments.
Success in pertinent academic subjects, such as mathematics.
Subscriptions to engineering and technical magazines.

Training and Methods of Entry

A bachelor's degree in engineering is usually the minimum educational requirement for entrance into this field, and many employers are now requiring a graduate degree in engineering.

RELATED CLASSIFICATIONS

Industrial Engineering and Related Work (.188; .288) p. 383
Engineering Research and Design (.081) p. 371
Technical Work, Engineering and Related Fields (.181; .281) p. 379
Engineering, Scientific, and Technical Coordination (.168) p. 375
Technical Writing and Related Work (.188; .288) p. 387
Drafting and Related Work (.181; .281) p. 377

QUALIFICATIONS PROFILE

GED: 6 5
SVP: 8 7
Apt: **GVN** **SPQ** KFM EC
1 1 1 2 2 4 4 4 4 5 5
2 2 2 3 3
Int: 1 7 9
Temp: 4 0 Y
Phys. Dem: S L 6

00, 01 **ARCHITECTURE AND ENGINEERING**

002. Aeronautical Engineering

002.187 COST-ANALYSIS ENGINEER (aircraft mfg.)
FIELD-SERVICE ENGINEER (aircraft mfg.)
MISSILE-TEST ENGINEER (aircraft mfg.)

003. Electrical Engineering

003.187 COMMERCIAL ENGINEER (radio & tv broad.)
DISTRIBUTION-FIELD ENGINEER (light, heat, & power)
ELECTRICAL ENGINEER, POWER (light, heat, & power)
DISTRIBUTION ENGINEER (light, heat, & power)
INDUCTIVE-COORDINATION ENGINEER (light, heat, & power)
PLANT ENGINEER, ELECTRICAL (profess. & kin.)
PROTECTION ENGINEER (light, heat, & power)

003.187 Con. SYSTEM-PLANNING ENGINEER (light, heat, & power)
TRANSMISSION ENGINEER (light, heat, & power)
ELECTROLYSIS-AND-CORROSION-CONTROL ENGINEER (profess. & kin.)
OUTSIDE-PLANT ENGINEER (tel. & tel.)
CABLE ENGINEER (tel. & tel.)
RADIO ENGINEER (radio & tv broad.)
SYSTEMS ENGINEER, ELECTRONIC DATA PROCESSING (profess. & kin.)
TRANSMISSION-AND-PROTECTION ENGINEER (tel. & tel.)
TRANSMISSION ENGINEER (radio & tv broad.)

005. Civil Engineering

005.187 FOREST ENGINEER (logging)

007. Mechanical Engineering

007.187 DESIGN CHECKER (profess. & kin.)
GAS-DISTRIBUTION ENGINEER (light, heat, & power)

007.187 Con. PLANT ENGINEER (profess. & kin.)
TOOL-DRAWING CHECKER (aircraft mfg.)
TOOL PROGRAMER, NUMERICAL CONTROL (any ind.)

010. Mining and Petroleum Engineering

010.187 MINING INVESTIGATOR (petrol. production)

012. Industrial Engineering

012.187 MANUFACTURING ENGINEER (profess. & kin.)

014. Marine Engineering

014.187 MARINE ENGINEER (ship & boat bldg. & rep.)
PORT ENGINEER (ship & boat bldg. & rep.)

018. Surveying and Related Work

018.187 PHOTOGRAMMETRIC ENGINEER (profess. & kin.)

019. Architecture and Engineering, n.e.c.

019.187 DRAINAGE-DESIGN COORDINATOR (waterworks)
PACKAGING ENGINEER (paper goods)
SALVAGE ENGINEER (profess. & kin.)
YIELD-LOSS-AND-SANITATION ENGINEER (corn prod.)

INDUSTRIAL ENGINEERING AND RELATED WORK

.188; .288

Work Performed

Work activities in this group primarily involve applying a knowledge of industrial organization and processes to insure the efficient utilization of machines, materials, and manpower. Typical activities include time, motion, and incentive studies; procedures and methods planning; cost control; safety planning; plant layout; and operations research.

Worker Requirements

An occupationally significant combination of: Ability to learn and apply engineering principles and methods; organizational ability; facility with mathematics; clear verbal expression; and ability to perceive or envision relative paths or positions of stationary and moving objects.

Clues for Relating Applicants and Requirements

Success in pertinent college engineering courses.
Subscriptions to industrial magazines.
Expressed interest in working in industrial environment.

Training and Methods of Entry

A bachelor's degree in engineering is usually the minimum educational requirement for entrance into this field. An increasing number of employers are requiring graduate degrees. Some workers may be able to enter the field without a degree if they have an extensive background in some area related to industrial engineering in addition to some college-level training.

RELATED CLASSIFICATIONS

Engineering Research and Design (.081) p. 371
Technical Work, Engineering and Related Fields (.181; .281) p. 379
Engineering, Scientific, and Technical Coordination (.168) p. 375
Technical Writing and Related Work (.188; .288) p. 387
Drafting and Related Work (.181; .281) p. 377
Engineering and Related Work (.187) p. 381

QUALIFICATIONS PROFILE

GED: 5
SVP: 7 8

Apt:	GVN	SPQ	KFM	EC
	1 1 1	2 2 3	4 4 4	5 5
	2 2 2	3 3		

Int: 7 3
Temp: 4 9 0
Phys. Dem: S L 6

00, 01 **ARCHITECTURE AND ENGINEERING**

002. **Aeronautical Engineering**

002.188 ENGINEERING SCHEDULER (aircraft mfg.)

005. **Civil Engineering**

005.188 SUPERVISOR, WATERWORKS (waterworks)

012. **Industrial Engineering**

012.188 EFFICIENCY ENGINEER (profess. & kin.)
ENGINEERING LIAISON MAN (profess. & kin.)
FACTORY LAY-OUT MAN (profess. & kin.)
FIRE-PREVENTION RESEARCH ENGINEER (profess. & kin.)
FIRE-PROTECTION ENGINEER (profess. & kin.)
INDUSTRIAL ENGINEER (profess. & kin.)
INDUSTRIAL-HEALTH ENGINEER (profess. & kin.)
LIAISON MAN, TOOL FABRICATION (aircraft mfg.)
MATERIAL SCHEDULER (aircraft mfg.)
METHODS ENGINEER (profess. & kin.)

012.188 Con. TOOL-PLANNING ENGINEER (profess. & kin.)
PRODUCTION ENGINEER (profess. & kin.)
PRODUCTION PLANNER (profess. & kin.)
QUALITY-CONTROL ENGINEER (profess. & kin.)
SUPERVISOR, MOBILIZATION PLANNING (profess. & kin.)
TIME-STUDY ENGINEER (profess. & kin.)
TOOL PLANNER (any ind.)

012.288 INDUSTRIAL ENGINEERING TECHNICIAN (profess. & kin.)

019. **Architecture and Engineering, n.e.c.**

019.188 TRAFFIC ENGINEER (gov. ser.)

019.288 SPACE ANALYST (any ind.)

07 **MEDICINE AND HEALTH**

079. **Medicine and Health, n.e.c.**

079.188 INDUSTRIAL HYGIENIST (profess. & kin.)

16 **ADMINISTRATIVE SPECIALTIES**

160. **Accounting and Auditing**

160.288 ESTIMATOR (profess. & kin.)
LISTER (woodworking)

18 **MANAGERIAL WORK, N.E.C.**

183. **Manfacturing Industry Management**

183.288 PRODUCTION ESTIMATOR (firearms)

187. **Service Industry Management**

187.288 SERVICE-MANAGEMENT SPECIALIST (auto. mfg.)

19 **MISCELLANEOUS PROFESSIONAL, TECHNICAL, AND MANAGERIAL WORK**

199. **Miscellaneous Professional, Technical, and Managerial Work, n.e.c.**

199.288 TRAFFIC TECHNICIAN (gov. ser.)

22 **MATERIAL AND PRODUCTION RECORDING**

229. **Material and Production Recording, n.e.c.**

229.188 TOOLING COORDINATOR, PRODUCTION ENGINEERING (aircraft mfg.)

SURVEYING, PROSPECTING, AND RELATED WORK

.188; .288

Work Performed

Work activities in this group primarily involve determining and delineating the shape, size, location, and other aspects of natural and manmade objects or features on the earth's surface, and in exploring and examining underground earth formations. Typically, workers are engaged in taking linear and angular measurements of tracts of land; in obtaining and interpreting seismograms and other graphic indications or records of the composition and structure of underground formations; in locating positions of aircraft and directing their courses; in obtaining knowledge of particular terrains and presence or absence of manmade objects or features by studying aerial photographs; and in preparing maps, charts, sketches, and other graphic representations from the data collected.

Worker Requirements

An occupationally significant combination of: An understanding of the principles of geometry and trigonometry strong liking for outdoor work; ability to draw; finger dexterity; good vision and health; physical stamina, and the ability to perceive relationships of objects in space or to envision objects of two or three dimensions on flat surfaces.

Clues for Relating Applicants and Requirements

Level of attainment in language and mathematics as indicated by scores on aptitude tests and grades in educational courses.

Drawings or sketches produced, either freehand or mechanical.

Participation in outdoor activities, such as scouting, hiking, or camping.

Hobbies, such as rock collecting.

Night school preengineering courses.

Training and Methods of Entry

A high school education is usually the minimum requirement for entry into the kinds of work described in this group. Adequate academic preparation should include courses in map reading, freehand and mechanical drawing, mathematics, geography, and the earth sciences.

Summer employment with surveying or prospecting teams in the construction or petroleum industries provides an excellent opportunity for students and others to obtain experience. Some employers offer formal courses in surveying with accompanying on-the-job training in survey techniques and in the use of surveying instruments.

Some technical or vocational schools, as well as some colleges, offer comprehensive programs in surveying. Extension courses are also available.

RELATED CLASSIFICATIONS

Mathematics, Physical Sciences, and Related Research (.088; .188) p. 468
Engineering and Related Work (.187) p. 381
Drafting and Related Work (.181; .281), p. 377
Materials Analysis and Related Work (.181; .281; .381) p. 418

QUALIFICATIONS PROFILE

GED: 5 4
SVP: 7 6
Apt: **GVN** 2 2 2 3 **SPQ** 2 2 3 **KFM** 3 3 3 EC 4 4
Int: 7 1 9
Temp: 0 Y
Phys. Dem: L M 2 4 6

00, 01 **ARCHITECTURE AND ENGINEERING**

010. Mining and Petroleum Engineering

010.288 COMPUTER, PROSPECTING (petrol. production)
COMPUTER, SEISMOGRAPH (petrol. production)
OBSERVER, ELECTRICAL PROSPECTING (petrol. production)
OBSERVER, GRAVITY PROSPECTING (petrol. production)
SCOUT (petrol. production)
SURVEYOR, OIL-WELL DIRECTIONAL (petrol. production)

018. Surveying and Related Work

018.188 INSTRUMENT MAN (profess. & kin.)
LEVEL MAN (profess. & kin.)
PLANE-TABLE MAN (profess. & kin.)
SURVEYOR, GEOPHYSICAL PROSPECTING (petrol. production)
018.188 Con. TRANSIT MAN (profess. & kin.)
SURVEYOR (profess. & kin.)
GEODETIC COMPUTER (gov. ser.)
SURVEYOR, DEPUTY (mining & quarrying)
SURVEYOR, MARINE (profess. & kin.)
SURVEYOR, MINE (mining & quarrying)
SURVEYOR, GEODETIC (profess. & kin.)
018.288 COMPASS MAN (forestry; logging)

02 MATHEMATICS AND PHYSICAL SCIENCES

024. Geology

024.288 ELECTRONICS MECHANIC, FIELD (profess. & kin.)
PROSPECTOR (any ind.)

025. Meteorology

025.288 HYDROGRAPHER (waterworks)
RADIOSONDE OPERATOR (profess. & kin.)
WEATHER OBSERVER (profess. & kin.)
025.288 Con. WEATHER-CHART PREPARER (profess. & kin.)

029. Mathematics and Physical Sciences, n.e.c.

029.188 AERIAL-PHOTOGRAPH INTERPRETER (gov. ser.)

19 MISCELLANEOUS PROFESSIONAL, TECHNICAL, AND MANAGERIAL WORK

196. Airplane Piloting and Navigating

196.188 NAVIGATOR (air trans.)

24 MISCELLANEOUS CLERICAL WORK

249. Miscellaneous Clerical Work, n.e.c.

249.288 FIELD-MAP EDITOR (clerical)

93 EXTRACTION OF MINERALS

930. Boring, Drilling, Cutting, and Related Work

930.188 TECHNICAL OPERATOR (petrol. production)
BOTTOM-HOLE-PRESSURE-RECORDING OPERATOR (petrol. production)

TECHNICAL WRITING AND RELATED WORK

.188; .288

Work Performed

Work activities in this group primarily involve preparing written descriptions of technical operations and developments, kinds and uses of industrial property, and structural and functional relationships of machines and equipment. Typically, workers are engaged in collecting information by observing industrial activities, interviewing supervisory and technical personnel, and reading or studying engineering drawings, journals, manuals, and other technical materials; in revising and correcting previously prepared written materials; in describing new or improved work methods, processes, standards, and workpieces; and in writing service manuals, bulletins, articles, and other technical publications.

Worker Requirements

An occupationally significant combination of: Ability to grasp technical subject matter and terminology; lucid verbal expression; ability to visualize spatial relationships of objects on flat surfaces; and analytical ability and logic in organizing material.

Clues for Relating Applicants and Requirements

Level of attainment in language and reasoning ability as indicated by scores on aptitude tests and grades of educational courses.

Interest in scientific and technological developments.

Kind of literature read, such as technical or scientific magazines.

Previous experience in writing, as on school newspapers.

Training and Methods of Entry

A bachelor's degree is frequently required for entry into this work. Ideally, this degree should be in technical writing, but few schools offer complete programs for such a degree. As a result, employers look with favor upon those with a degree in journalism or English with some training in scientific or technical subjects and individuals with a scientific or technical education who have exhibited writing skills.

Technicians with writing skills frequently transfer into this kind of work.

RELATED CLASSIFICATIONS

Engineering and Related Work (.187) p. 381
Engineering, Scientific, and Technical Coordination (.168) p. 375
Industrial Engineering and Related Work (.188; .288) p. 383
Journalism and Editorial Work (.018; .038; .068) p. 522
Technical Work, Engineering and Related Fields (.181; .281) p. 379

QUALIFICATIONS PROFILE

GED: 5
SVP: 7 6

Apt:	GVN	SPQ	KFM	EC
	2 2 3	2 4 3	4 4 4	5 5
	1 1 4	3		

Int: 7 6
Temp: 0
Phys. Dem: S 6

00, 01 **ARCHITECTURE AND ENGINEERING**

002. Aeronautical Engineering

002.288 SPECIFICATION WRITER, AIRPLANES (profess. & kin.)

012. Industrial Engineering

012.188 PROCESS-DESCRIPTION WRITER (any ind.)

SHOE-LAY OUT MAN (boot & shoe)

019. Architecture and Engineering, n.e.c.

019.288 ESTIMATOR AND INSPECTOR (light, heat, & power)

SPECIFICATION WRITER, ENGINEERING (profess. & kin.)

13 WRITING

139. Writing, n.e.c.

139.288 STANDARD-PRACTICE MAN (any ind.)

WRITER, TECHNICAL PUBLICATIONS (profess. & kin.)

24 MISCELLANEOUS CLERICAL WORK

249. Miscellaneous Clerical Work, n.e.c.

249.288 ENGINEERING CLERK (aircraft mfg.)

ENTERTAINMENT

		Page
.028	Instructive Work, Fine Arts, Theater, Music, and Related Fields *see under* ART	226
.048	Creative Entertainment Work, n.e.c.	390
.048	Dramatics	392
.048	Musical Work, Instrumental	394
.048	Musical Work, Vocal	396
.048	Rhythmics	398
.148, .268	Radio Announcing and Related Work	400
.248, .348	Amusement and Entertainment Work, Physical	402
.268, .368, .468	Miscellaneous Amusement and Recreation Work	404
.848	Specialty Entertainment Work	406
.868	Modeling and Related Work	408

CREATIVE ENTERTAINMENT WORK, N.E.C.

.048

Work Performed

Work activities in this group primarily involve entertaining others by creating and perfecting original acts or by interpreting and presenting stock routines in an original manner. The work is highly imaginative in nature, and individuals frequently change and add to their performances, depending on such influences as composition of the audience, current popularity trends, and topicality of content.

Worker Requirements

An occupationally significant combination of: Creative imagination; facility with language; retentive memory; the ability to understand people and adapt to different types of audiences; nimbleness in the use of fingers, hands, and arms in cases where props or movement are important to the performance; poise; and a desire for public recognition.

Clues for Relating Applicants and Requirements

Poise and a good vocabulary demonstrated in an interview.
Performances in school or community variety shows.
Preferences in types of entertainment, such as an avid interest in night club acts.
An outgoing personality coupled with a desire for recognition.

Training and Methods of Entry

Entry and advancement in this field is usually a slow process. Workers frequently gain entry by means of some related type of work activity, usually in close proximity to an established performer or in an environment where an opportunity to watch, learn, and make the proper connections exist. Workers establish some sort of format for a performance and develop it under the guidance of an astute director, manager, or agent. They audition for openings in such areas of opportunity as musical reviews, night clubs, television, or films. The careers of most workers are guided by agents who work closely with theatrical booking agencies.

RELATED CLASSIFICATIONS

Dramatics (.048) p. 392
Rhythmics (.048) p. 398
Amusement and Entertainment Work, Physical (.248; .348) p. 402
Miscellaneous Amusement and Recreation Work (.268; .368; .468) p. 404
Specialty Entertainment Work (.848) p. 406

QUALIFICATIONS PROFILE

GED: 4 5
SVP: 6 7

Apt:	GVN	SPQ	KFM	EC
	2 2 4	3 3 4	2 2 2	2 5
	3 3 5	4 4	3 3 3	5 4
			4 4 4	

Temp: 5 X
Int: 5 6 8
Phys. Dem: S L M 3 4 5 6

15 ENTERTAINMENT AND RECREATION
150. Dramatics
150.048 STORY TELLER (profess. & kin.)
159. Entertainment and Recreation, n.e.c.
159.048 CLOWN (amuse. & rec.)
COMEDIAN (amuse. & rec.)
HYPNOTIST (amuse. & rec.)
IMPERSONATOR (amuse. & rec.)
MIMIC (amuse. & rec.)
MAGICIAN (amuse. & rec.)
PRESTIDIGITATOR (amuse. & rec.)
MIME (amuse. & rec.)
MINSTREL (amuse. & rec.)
PUPPETEER (amuse. & rec.)
SONG AND DANCE MAN (amuse. & rec.)
VENTRILOQUIST (amuse. & rec.)

DRAMATICS

.048

Work Performed

Work activities in this group primarily involve entertaining others by use of the spoken word and accompanying physical actions. Usually a worker must go through the cycle of auditioning for a role, learning the lines, incorporating movement and gestures with dialogue, interpreting the meaning of a role under the guidance of a director in rehearsals, adding costumes and makeup, and performing before an audience. Performances may be given before a live audience in a theater, television or motion picture cameras, or some combination thereof.

Worker Requirements

An occupationally significant combination of: Facility with language; a creative imagination; a retentive memory; poise; and the ability to adapt to fluctuating situations.

Clues for Relating Applicants and Requirements

Good speaking voice.
Poise and a good vocabulary in an interview.
Success in public-speaking courses in school.
An attractive or distinctive appearance.
Active participation in school, church, or other amateur theatricals.

Training and Methods of Entry

Some types of training are: Courses in specialized schools, such as playhouses and academies of dramatic art; training and coaching undertaken in an informal, studio-type atmosphere, with more-or-less personal instruction from professional coaches; playing small roles and doing backstage work in summer stock and resident repertory companies; courses in dramatics and general theater at accredited colleges and universities, at both the undergraduate and graduate levels. (Many colleges and universities offer intensive programs in drama leading to B.A. and M.A. degrees.)

Active participating in amateur theatrical productions is also quite common. Opportunities to acquire acting skills and to become conversant with other aspects of the theater are prevalent because the number of little theater groups has doubled in the last 20 years, and practically every community with a population of 50,000 can provide outlets of this nature.

Entry is occasionally made by transfer from related areas of work. For example, training as a dancer, radio announcer, or model can serve as an excellent springboard into the field of dramatics.

RELATED CLASSIFICATIONS

Creative Entertainment Work, n.e.c. (.048) p. 390
Rhythmics (.048) p. 398
Radio Announcing and Related Work (.148; .268) p. 400
Specialty Entertainment Work (.848) p. 406
Modeling and Related Work (.868) p. 408
Amusement and Entertainment Work, Physical (.248; .348) p. 402

QUALIFICATIONS PROFILE

GED: 4 5
SVP: 7

Apt:	GVN	SPQ	KFM	EC
	1 1 5	4 4 2	4 4 4	5 5
	2 2	5 5 3		

Int: 5 6 8
Temp: 1 5 9 X
Phys. Dem: L 5

15 **ENTERTAINMENT AND RECREATION**
150. **Dramatics**
150.048 ACTOR (amuse. & rec.)
DRAMATIC READER (amuse. & rec.)

MUSICAL WORK, INSTRUMENTAL

.048

Work Performed

Work activities in this group primarily involve entertaining audiences with classical or popular music by playing musical instruments or conducting orchestras. Typically, workers specialize in playing one instrument and one type of music.

Worker Requirements

An occupationally significant combination of: Ability to complete intensive musical training; creativity as it applies to variations and improvisations in musical expression; the ability to understand musical terminology and relate words to music; ability to recognize and remember musical notes and symbols; and finger dexterity, manual dexterity, eye-hand-foot coordination, and motor coordination as required in individual situations concerned with the playing of musical instruments.

Clues for Relating Applicants and Requirements

Liking for music lessons in childhood.
Membership in high school band.
Hobbies, such as collecting phonograph records.

Training and Methods of Entry

A degree in music from a college or training in a conservatory of music is the preferable background for entry into this work. However, individuals who have studied music informally, played a musical instrument for a number of years, and have an understanding of and feeling for it have been successful in this field without any formal training. Workers usually begin by playing with smaller groups, frequently in a neighborhood environment, and achieve advancement as they acquire experience and perform frequently before potential employers who have the opportunity to hear them and evaluate their ability.

RELATED CLASSIFICATIONS

Musical Work, Vocal (.048) p. 396
Musical Work, Creative (.088) p. 496
Instructive Work, Fine Arts, Theater, Music, and Related Fields (.028) p. 226

QUALIFICATIONS PROFILE

GED: 4 5
SVP: 8 9

Apt:	GVN	SPQ	KFM	EC
	223	433	222	55
	33			1

Int: 5 6 8
Temp: X 9
Phys. Dem: S L 6 4

15 ENTERTAINMENT AND RECREATION

152. Music

152.048 DIRECTOR, MUSIC (motion pic.; radio & tv broad.)

DIRECTOR, MUSIC, INTERNATIONAL BROADCAST (radio & tv broad.)

MUSICAL ENTERTAINER (amuse. & rec.)

MUSICIAN, INSTRUMENTAL (amuse. & rec.)

ORCHESTRA LEADER (profess. & kin.)

MUSICAL WORK, VOCAL

.048

Work Performed

Work activities in this group primarily involve entertaining others by singing or directing others in singing classical, popular, or folk music.

Worker Requirements

An occupationally significant combination of: A good singing voice; ability to absorb musical training; ability to interpret music to an audience; verbal facility to read lyrics, understand musical terminology, and express music in a foreign language, as in opera; form perception to recognize and remember musical notes and symbols; desire for recognition; and the ability to relate to an audience.

Clues for Relating Applicants and Requirements

Membership in church choir or school glee club.
Successful performances in amateur musical plays.
Success in formal singing lessons.

Training and Methods of Entry

Entry into this work is most successfully achieved only after training in a music conservatory, a college or university, or through private voice lessons. Individuals lacking formal training occasionally achieve entry by attracting attention through appearance in an amateur hour performance, a benefit show, or similar types of entertainment. Entry into opera requires many years of study and discipline in language as well as music.

RELATED CLASSIFICATIONS

Musical Work, Instrumental (.048) p. 394
Musical Work, Creative (.088) p. 496
Instructive Work, Fine Arts, Theater, Music, and Related Fields (.028) p. 226

QUALIFICATIONS PROFILE

GED: 4 5
SVP: 7 8

Apt:	GVN	SPQ	KFM	EC
	2 2 3	4 3 3	4 4 4	5 5
	1 1			

Int: 5 6 8
Temp: 5 X
Phys. Dem: L 5 6

15 ENTERTAINMENT AND RECREATION
152. Music
152.048 CHOIRMASTER (profess. & kin.)
CONCERT SINGER (amuse. & rec.)
DIRECTOR, CHORAL (amuse. & rec.)
POPULAR SINGER (amuse. & rec.)

RHYTHMICS

.048

Work Performed

Work activities in this group primarily involve entertaining others by creative rhythmical movement, usually to the accompaniment of music.

Worker Requirements

An occupationally significant combination of: Ability to absorb intensive training and learn various dance techniques; creative imagination to interpret and convey the meaning of a story to an audience; ability to make precise movements in combination with others, as in ballet or chorus dancing; poise and composure; a desire for public recognition; a good ear for music to achieve proper rhythm; eye-hand-foot coordination to make graceful movements; spatial perception to be aware of relative positions in ensemble dance routines; and good health and physical stamina.

Clues for Relating Applicants and Requirements

Formal dance lessons in childhood.
Performances in school musicals.
Hobbies and interests, such as attending musical plays and movies.

Training and Methods of Entry

Formal training in a dancing school beginning at an early age is the recommended background and training for entry into this work. Many colleges and universities offer programs in physical education with emphasis on the dance for individuals who are seeking a well-rounded background.

RELATED CLASSIFICATIONS

Dramatics (.048) p. 392
Physical Education (.228) p. 347
Amusement and Entertainment Work, Physical (.248; .348) p. 402
Modeling and Related Work (.868) p. 408

QUALIFICATIONS PROFILE

GED: 5 4
SVP: 8 7

Apt:	GVN	SPQ	KFM	EC
	2 3 3	2 3 4	2 3 3	1 4

Int: 5 6 8
Temp: X Y 9
Phys. Dem: M H 2 3 4 5 6

15 ENTERTAINMENT AND RECREATION
151. Dancing
151.048 DANCER (amuse. & rec.)

RADIO ANNOUNCING AND RELATED WORK

.148; .268

Work Performed

Work activities in this group primarily involve introducing radio and television programs and segments thereof; acting as master of ceremonies for banquets or similar ceremonies; verbally translating speech from one language to another; and giving running descriptions or commentaries of live-action events. Workers either read from a prepared script, present memorized material, or speak extemporaneously.

Worker Requirements

An occupationally significant combination of: Facility with language and good vocabulary; originality and inventiveness when speaking extemporaneously; ability to relate to an audience, seen or unseen; pleasant speaking voice with good diction; and a good memory.

Clues for Relating Applicants and Requirements

Poise, good vocabulary, and clear speaking voice demonstrated during interview.
Courses in school, such as public speaking, dramatics, or singing.
Participation in little theater groups, choir, or public speaking clubs.
Voracious reading habits.
Active interest in current events.

Training and Methods of Entry

A majority of individuals who enter this field have received specialized training in languages or in some form of the vocal arts, such as dramatics, public speaking, or singing, through high school or university courses, specialized schools, or private instruction. Experience can be gained through participation in little theater group productions, singing in choirs, or speaking before groups. Small radio stations may require that an announcer have a first class radiotelephone operator's license permitting him to double as an operator or technician.

RELATED CLASSIFICATIONS

Dramatics (.048) p. 392
News Reporting and Related Work (.268) p. 526
Radio and Television Transmitting and Receiving (.282; .382) p. 516

QUALIFICATIONS PROFILE

GED: 5
SVP: 4
Apt: GVN SPQ KFM EC
2 2 3 4 4 3 4 4 4 5 5
Int: 5 6
Temp: 1 5 9
Phys. Dem: S 5

13 WRITING
137. Interpreting and Translating
137.268 INTERPRETER (profess. & kin.)
15 ENTERTAINMENT AND RECREATION
150. Dramatics
150.148 MOTION PICTURE NARRATOR (motion pic.)
159. Entertainment and Recreation, n.e.c.
159.148 ANNOUNCER (amuse. & rec.)
ANNOUNCER (radio & tv broad.)
ANNOUNCER, INTERNATIONAL BROADCAST (radio & tv broad.)
DISK JOCKEY (radio & tv broad.)
SPORTS ANNOUNCER (radio & tv broad.)
MASTER OF CEREMONIES (amuse. & rec.)
WRITER-ANNOUNCER, BILINGUAL, INTERNATIONAL BROADCAST (radio & tv broad.)

AMUSEMENT AND ENTERTAINMENT WORK, PHYSICAL

248; .348

Work Performed

Work activities in this group primarily involve entertaining others by a display of physical agility, strength, stamina, daring, or any combination thereof. Workers perform either alone or as part of a team, and may present a prepared performance or engage in some sort of competition involving spontaneous action. These activities occasionally involve skillful maneuvering of rapidly moving vehicles or animals.

Worker Requirements

An occupationally significant combination of: Physical stamina and agility; finger and manual dexterity, motor coordination, and eye-hand-foot coordination as they apply to individual situations; spatial perception to judge relative distances; the ability to maintain poise and equanimity under adverse and uncomfortable circumstances; exactness in following set procedures, techniques, or instructions; and good health.

Clues for Relating Applicants and Requirements

Successful performance on school athletic teams.
Good grades in physical education courses.
Excellent health record.
Hobbies, such as weight lifting, karate, hotrod driving.

Training and Methods of Entry

Good physical training is of primary importance for entry into this work. Physical development programs may be pursued in educational institutions or through instruction offered by a variety of private establishments, such as gymnasiums, church organizations, and commercial health clubs. Coaching and training by an experienced person is most valuable.

The achievement of proficiency in this field frequently requires some time. A worker must practice repeatedly until the basic fundamentals are practically a part of his natural thinking process, and he can devote his time to perfecting singular facets of his performance in order to increase his overall proficiency, value, and crowd appeal. For this reason, most workers must spend considerable time learning their trade performing behind or in support of well-known performers before they can hope to become established. A worker frequently auditions for an employer, and, if accepted, signs a contract entrusting his career development to that employer.

RELATED CLASSIFICATIONS

Rhythmics (.048) p. 398
Physical Education (.228) p. 347
Transporting and Test Driving (.283; .383) p. 422
Specialty Entertainment Work (.848) p. 406
Modeling and Related Work (.868) p. 408

QUALIFICATIONS PROFILE

GED: 3 4
SVP: 5 6

Apt:	GVN	SPQ	KFM	EC
	334	224	2 2 2	2 4
			3 3 3	3 5

Int: 5 6
Temp: 8 9
Phys. Dem: M H V 2 3 4 5 6

15 ENTERTAINMENT AND RECREATION
153. **Athletics and Sports**
153.248 AUTOMOBILE RACER (amuse. & rec.)
JOCKEY (amuse. & rec.)
SULKY DRIVER (amuse. & rec.)
153.348 ATHLETE (amuse. & rec.)
159. **Entertainment and Recreation, n.e.c.**
159.248 ACROBAT (amuse. & rec.)
AERIALIST (amuse. & rec.)
159.348 EQUESTRIAN (amuse. & rec.)
JUGGLER (amuse. & rec.)
MERMAID (amuse. & rec.)
RODEO PERFORMER (amuse. & rec.)
SHOW-HORSE DRIVER (amuse. & rec.)
STUNT MAN (amuse. & rec.)
THRILL PERFORMER (amuse. & rec.)
WIRE WALKER (amuse. & rec.)
19 MISCELLANEOUS PROFESSIONAL, TECHNICAL, AND MANAGERIAL WORK
196. **Airplane Piloting and Navigating**
196.248 BARNSTORMER (amuse. & rec.)
34 AMUSEMENT AND RECREATION SERVICES
349. **Amusement and Recreation Services, n.e.c.**
349.248 DIVER (amuse. & rec.)

MISCELLANEOUS AMUSEMENT AND RECREATION WORK

.268; .368; .468

Work Performed

Work activities in this group primarily involve contributing to the amusement or recreation of patrons by such means as insuring a steady flow of entertainment and providing gambling facilities. Activities in this group are distinguished by the fact that workers are frequently in verbal contact with customers, and, while they do not actually do any entertaining themselves, they participate in and facilitate the patron's enjoyment by arranging, explaining, presenting, or monitoring the type of diversion involved, usually games of chance.

Worker Requirements

An occupationally significant combination of: Verbal facility to talk with patrons; numerical ability to figure odds and compute winnings; clerical perception to avoid errors in keeping records of bets; finger and manual dexterity as it applies to dealing cards and participating in similar games of chance; the ability to relate to different types of people; and the ability to understand and apply principles and techniques of gambling.

Clues for Relating Applicants and Requirements

Experience running bingo games at church functions.
Familiarity with different types of card games.
Good appearance and speaking voice.

Training and Methods of Entry

Games of chance of one type or another constitute a principal source of income in some sections of the country, and workers are usually hired on the basis of their familiarity with basic regulations and their willingness to learn, accept, and apply the rules of the house. Workers usually begin with positions involving less responsibility and are given the opportunity to observe and learn under the guidance of an experienced employee.

RELATED CLASSIFICATIONS

Specialty Entertainment Work (.848) p. 406
Customer Service Work, n.e.c. (.468; .478) p. 501
Scheduling, Dispatching, Expediting, and Related Work (.168) p. 261

QUALIFICATIONS PROFILE

GED: 3
SVP: 2 3 4

Apt:	GVN	SPQ	KFM	EC
	3 3 3	4 3 3	3 3 3	5 4
	4	4 4	5 5 5	5

Int: 5 6
Temp: 5 9
Phys. Dem: L 4 5

15 ENTERTAINMENT AND RECREATION
153. **Athletics and Sports**
153.268 HORSE-RACE STARTER (amuse. & rec.)
153.368 CLOCKER (amuse. & rec.)
159 **Entertainment and Recreation, n.e.c.**
159.368 RING MASTER (amuse. & rec.)
18 MANAGERIAL WORK, N.E.C.
187. **Service Industry Management**
187.368 BOOK MAKER (amuse. & rec.)
34 AMUSEMENT AND RECREATION SERVICES
343. **Gambling Hall Services**
343.368 CARD PLAYER (amuse. & rec.)
343.468 FLOORMAN (amuse. & rec.) II
GAMBLING DEALER (amuse. & rec.)
CARDROOM ATTENDANT (amuse. & rec.)
TWENTY-SIX GIRL (amuse. & rec.)

SPECIALTY ENTERTAINMENT WORK

.848

Work Performed

Work activities in this group primarily involve entertaining others by means of unusual or distinctive exhibitions of special skills or attributes, either real or false. Typically, workers perfect a short, uncomplicated act, direct their performance or exhibition toward an audience limited in interest to their specialty, and do not vary their performances a great deal. Workers usually rely on a gimmick of some sort that will provide a short period of diversion.

Worker Requirements

An occupationally significant combination of: Verbal facility and the ability to relate to people for instances requiring communication with audiences; the ability to shed inhibitions in order to perform in public; the ability to judge relative distances in situations where physical movement is involved; ability to discern differences between shapes and forms when visual acuity is important to the task; attractive, unusual, or distinctive appearance; and physical stamina.

Clues for Relating Applicants and Requirements

A striking appearance.
Expressed desire to go into show business in some capacity.
Relatively effective manner of verbal expression.

Training and Methods of Entry

Since the activities in this group vary a great deal, the amount and type of training involved depends very much on the particular work situation. An individual who is engaged in a simple type of entertainment, entailing little more than an exhibition of physical attributes, would be expected to step right into a position. On the other hand, some acts could require months of preparation, rehearsal, and perfection. Most individuals gain entry by virtue of personal or physical characteristics and interests. They seek work in such environments as carnivals and circuses.

RELATED CLASSIFICATIONS

Amusement and Entertainment Work, Physical (.248; .348) p. 402
Creative Entertainment Work, n.e.c. (.048) p. 390
Miscellaneous Amusement and Recreation Work (.268; .368; .468) p. 404
Rhythmics (.048) p. 398

QUALIFICATIONS PROFILE

GED: 2 1
SVP: 2 1 3

Apt:	GVN	SPQ	KFM	EC
	3 3 4	3 3 5	4 4 4	5 5
	4	4 4		

Int: 5 6
Temp: 2 5
Phys. Dem: L 5 3 4

15 **ENTERTAINMENT AND RECREATION**

159. **Entertainment and Recreation, n.e.c.**

159.848 ASTROLOGER (amuse. & rec.)
FIRE EATER (amuse. & rec.)
FORTUNE TELLER (amuse. & rec.)
FREAK (amuse. & rec.)
GRAPHOLOGIST (amuse. & rec.)
MIND READER (amuse. & rec.)
ORGAN GRINDER (amuse. & rec.)
PHYSIOGNOMIST (amuse. & rec.)
PHRENOLOGIST (amuse. & rec.)
SHOW GIRL (amuse. & rec.)
SNAKE CHARMER (amuse. & rec.)
STRIP-TEASE ARTIST (amuse. & rec.)
WAITER-ENTERTAINER (hotel & rest.)

29 **MISCELLANEOUS MERCHANDISING WORK**

299. **Miscellaneous Merchandising Work, n.e.c.**

299.848 PROMOTION CHARACTER (any ind.)
SANTA CLAUS (any ind.)
SOUND-TRUCK OPERATOR (amus. & rec.; bus. ser.)

MODELING AND RELATED WORK

.868

Work Performed

Work activities in this group primarily involve displaying the human body or parts thereof for decorative, artistic, or similar purposes. Typical activities would be posing for artists and sculptors; wearing apparel before prospective customers; and standing in place for actors and actresses while set lighting is arranged.

Worker Requirements

An occupationally significant combination of: An attractive or distinctive appearance; physical stamina; the ability to adjust to routine, repetitive work, poise; and the ability to understand and follow instructions.

Clues for Relating Applicants and Requirements

Attractive or distinctive appearance.
Chic manner of dressing.
Beauty contest contestant.
Dancing proficiency.

Training and Methods of Entry

There are numerous professional modeling and charm schools throughout the country that offer intensive training in the fine points of modeling. Most of these schools maintain connections with modeling agencies and similar organizations that funnel individuals into the labor market. On occasion, the larger organizations who employ models will hire an untrained person on the basis of appearance and potential, and train the individual themselves.

RELATED CLASSIFICATIONS

Rhythmics (.048) p. 398
Physical Education (.228) p. 347
Specialty Entertainment Work (.848) p. 406

QUALIFICATIONS PROFILE

GED: 3 2
SVP: 3 2
Apt: GVN SPQ KFM EC
3 4 5 4 4 5 4 4 4 4 4
4 3

Int: 6 3
Temp: 3 2
Phys. Dem: L 2 3

29 **MISCELLANEOUS MERCHANDISING WORK**

297. **Demonstrating and Modeling**

297.868 MODEL (garment; ret. tr.; whole. tr.)

96 **AMUSEMENT, RECREATION, AND MOTION PICTURE WORK, N.E.C.**

961. **Modeling and Related Work, n.e.c.**

961.868 DOUBLE (amuse. & rec.)
MODEL, ARTISTS' (any ind.)
MODEL, PHOTOGRAPHERS' (any ind.)
STAND-IN (motion pic.)

FARMING, FISHING, AND FORESTRY

		Page
.128 .228	Vocational Education *see under* EDUCATION AND TRAINING	337
.130 .131 .132 .133 .134 .137	Supervisory Work (Farming, Logging, Manufacturing, Processing, Construction, Transportation, and Related Activities) *see under* CRAFTS	299
.138	Supervisory Work (Farming, Logging, Manufacturing, Processing, Construction, Transportation, and Related Activities) *see under* CRAFTS	305
.181	Cropping, Animal Farming, Gardening, and Related Work	411
.188 .288	Surveying, Prospecting, and Related Work *see under* ENGINEERING	385
.384	Technical Work, Science and Related Fields	413
.781	Precision Working *see under* CRAFTS	319
.884	Manipulating *see under* CRAFTS	322

CROPPING, ANIMAL FARMING, GARDENING, AND RELATED WORK

.181

Work Performed

Work activities in this group primarily involve farming, gardening, and animal breeding and raising. Workers may be self-employed or work for others.

Worker Requirements

An occupationally significant combination of: Interest in outdoor work; ability to comprehend and make practical application of principles of agricultural science; finger and manual dexterity; eye-hand coordination; and physical stamina.

Clues for Relating Applicants and Requirements

Success in agricultural courses in high school or agricultural school.
Experience in 4–H Clubs.
Good physical condition.
Subscriptions to outdoor magazines.
Casual summer gardening or farming experience.

Training and Methods of Entry

Growing up on a farm or similar rural environment is the best preparation for entry into this work. Opportunity for entry as a hired hand is limited by the seasonality of this employment and the general decline in demand for hired farmworkers due to increasing mechanization of farmwork. The local county agricultural agent may be contacted for information and advice concerning opportunities and requirements for entry into this field. High schools, colleges, and organized groups, such as Future Farmers of America and 4–H Clubs, offer day and evening courses in subjects related to agriculture. Young farmer and adult farmer programs offer training in such aspects of farming as pest control, land use, and cattle breeding.

RELATED CLASSIFICATIONS

Supervisory Work (Farming, Logging, Manufacturing, Processing, Construction, Transportation, and Related Activities) (.130; .131; .132; .133; .134; .137) p. 299
Supervisory Work (Farming, Logging, Manufacturing, Processing, Construction, Transportation, and Related Activities) (.138) p. 305
Vocational Education (.128; .228) p. 337
Technical Work, Science and Related Fields (.384) p. 413
Animal Care (.874; .877) p. 511

QUALIFICATIONS PROFILE

GED: 4 5
SVP: 6 7

Apt:	GVN	SPQ	KFM	EC
	3 3 3	3 3 4	3 3 3	3 3
	2	4	4 4	4 4
				5 5

Int: 0 7 1 9
Temp: 1 4 9 0
Phys. Dem: L M H 2 3 4 6

40 **PLANT FARMING**
401. **Grain Farming**
401.181 FARMER, CASH GRAIN (agric.)
402. **Cotton Farming**
402.181 COTTON GROWER (agric.)
403. **Vegetable Farming**
403.181 VEGETABLE GROWER (agric.)
404. **Fruit and Nut Farming**
404.181 BERRY GROWER (agric.)
GRAPE GROWER (agric.)
ORCHARDIST (agric.)
405. **Crop Specialty Farming**
405.181 DRUG GROWER (agric.)
HAY FARMER (agric.)
HOP GROWER (agric.)
PEANUT FARMER (agric.)
SUGARCANE PLANTER (agric.)
TOBACCO GROWER (agric.)
406. **Horticultural Specialty Work**
406.181 FLOWER GROWER (agric.)
MUSHROOM GROWER (agric.)
SEED GROWER (agric.)
407. **Gardening and Groundskeeping**
407.181 LANDSCAPE GARDNER (agric.)
409. **Plant Farming, n.e.c.**
409.181 FARMER, TENANT (agric.)
TREE SURGEON (agric.)
41 **ANIMAL FARMING**
411. **Dairy Farming**
411.181 FARMER, DAIRY (agric.)
HERDSMAN, DAIRY (agric.)
412. **Poultry Farming**
412.181 CHICKEN FANCIER (agric.)
POULTRY BREEDER (agric.)
POULTRYMAN, EGG (agric.)
POULTRYMAN, MEAT (agric.)
413. **Livestock Farming**
413.181 CATTLE RANCHER (agric.)
GOAT KEEPER (agric.)
HERDSMAN, SWINE (agric.)
HORSE BREEDER (agric.)
SHEEP RANCHER (agric.)
419. **Animal Farming, n.e.c.**
419.181 ANIMAL BREEDER (agric.)
BEEKEEPER (agric.)
CANARY BREEDER (agric.)
CAT BREEDER (agric.)
DOG BREEDER (agric.)
419.181 FUR FARMER (agric.)
Con. GAME FARMER (agric.)
OSTRICH FARMER (agric.)
PIGEON FANCIER (agric.)
RABBIT BREEDER (agric.)
REPTILE FARMER (agric.)
WORM GROWER (agric.)
42 **MISCELLANEOUS FARMING AND RELATED WORK**
421. **General Farming**
421.181 FARMER, GENERAL (agric.)
422. **Farm Irrigation**
422.181 ZANJERO (agric.)
43 **FISHERY AND RELATED WORK**
436. **Marine Life Cultivation and Related Work**
436.181 ALLIGATOR FARMER (fish.)
FISH FARMER (fish.)
FROG GROWER (fish.)
SHELLFISH GROWER (fish.)
45 **HUNTING, TRAPPING, AND RELATED SERVICES**
451. **Hunting and Trapping**
451.181 GAMEKEEPER (hunt & trap.)

TECHNICAL WORK, SCIENCE AND RELATED FIELDS

.384

Work Performed

Work activities in this group primarily involve applying basic scientific knowledge to the performance of a variety of supporting tasks in a laboratory or similar scientific environment. The tasks are usually performed according to standardized procedures under general or close supervision of scientific personnel.

Worker Requirements

An occupationally significant combination of: The ability to absorb technical information and follow established procedures; verbal facility to learn and use technical terminology; ability to perceive minute differences in forms and compositional characteristics; manual dexterity to handle small or fragile objects; and ability to pay strict attention to detail in work of a closely prescribed and organized nature.

Clues for Relating Applicants and Requirements

Success in high school courses in science.
Participation in school science fairs and exhibits.
Hobbies, such as rock collecting, bird watching, or gardening.
Reading habits and entertainment preferences exhibit an interest in scientifically oriented material.

Training and Methods of Entry

Six months to one year is generally sufficient time to become familiar with the terminology and procedures involved in the various scientific areas. Qualifying academic preparation may be acquired through high school and post-high-school science courses, including those courses providing laboratory practice.

RELATED CLASSIFICATIONS

Materials Analysis and Related Work (.181; .281; .381) p. 418
Inspecting and Stock Checking (.382; .384; .387; .484; .487) p. 271
Engineering, Scientific, and Technical Coordination (.168) p. 375

QUALIFICATIONS PROFILE

GED: 4 3
SVP: 3 5
Apt: GVN SPQ KFM EC
3 3 4 3 3 4 3 3 3 4 4
3 4 2 4 4 5 3
Int: 7 3
Temp: Y 0
Phys. Dem: L M 4 6

02 MATHEMATICS AND PHYSICAL SCIENCES
022. **Chemistry**
022.384 CHEMIST HELPER, PETROLEUM (petrol. refin.)
024. **Geology**
024.384 PALEONTOLOGICAL HELPER (petrol. production)
04 LIFE SCIENCES
049. **Life Sciences, n.e.c.**
049.384 BIOLOGICAL AID (agric.)
FEED-RESEARCH AID (grain & feed mill.)

19 MISCELLANEOUS PROFESSIONAL, TECHNICAL, AND MANAGERIAL WORK
199. **Miscellaneous Professional, Technical, and Managerial Work, n.e.c.**
199.384 SCIENTIFIC HELPER (profess. & kin.)
42 MISCELLANEOUS FARMING AND RELATED WORK
421. **General Farming**
421.384 ADRICULTURAL AID (agric.)

44 FORESTRY
441. **Forest Conservation Work**
441.384 FORESTER AID (gov. ser.)
46 AGRICULTURAL SERVICES
467. **Animal Husbandry Services**
467.384 ARTIFICIAL BREEDING TECHNICIAN (agric.)
ARTIFICIAL INSEMINATOR (agric.)
BLOOD TESTER, FOWLS (agric.)
POULTRY INSEMINATOR (agric.)

INVESTIGATING, INSPECTING, AND TESTING

		Page
.168 .268	Investigating, Protecting, and Related Work	416
.181 .281 .381	Materials Analysis and Related Work	418
.187 .284 .287	Appraising and Investigating Work	420
.283 .383	Transporting and Test Driving	422
.288	Title and Contract Search and Analysis and Related Work *see under* BUSINESS RELATIONS	254
.382 .384 .387 .484 .487	Inspecting and Stock Checking *see under* CLERICAL WORK	271
.484 .485 .487 .584 .585 .587 .683 .684 .685 .687	Sorting, Inspecting, Measuring, and Related Work *see under* CLERICAL WORK	282

INVESTIGATING, PROTECTING, AND RELATED WORK

.168; .268

Work Performed

Work activities in this group primarily involve conducting investigations and examinations designed to determine or insure compliance with statutes, ordinances, and similar regulations affecting the public interest and welfare; and otherwise enforcing laws or regulations designed to protect the citizenry from harm to themselves or their property.

Worker Requirements

An occupationally significant combination of: Capacity to acquire knowledge of laws and regulations and learn investigative procedures and methods; verbal ability to converse with people at varied levels; tact and diplomacy in order to establish rapport with people; ability to perform under stress and maintain equanimity in the face of danger or resistance; organizational ability in order to gather and evaluate facts; an assurance of manner that will gain confidence and respect; and physical stamina.

Clues for Relating Applicants and Requirements

Expressed preference for public-contact work.
Experience as safety-patrol guide after school.
Success in pertinent academic subjects, such as criminology.
Personal reading preferences, such as detective stories and legal biographies.

Training and Methods of Entry

A high school education is a prerequisite for entry into a majority of positions in this group. In some cases, college education is required. The educational requirement depends upon the responsibility of the job. In most instances, individuals are required to pass rigid entrance exams and then undergo intensive formal training followed by a period of on-the-job breaking in under the tutelage of an experienced worker.

RELATED CLASSIFICATIONS

Appraising and Investigating Work (.187; .284; .287) p. 420
Legal and Related Work (.108; .118; .168) p. 425
Protecting and Related Work (.868; .878) p. 427

QUALIFICATIONS PROFILE

GED: 5 4
SVP: 7 5 6 8

Apt:	GVN	SPQ	KFM	EC
	2 2 3	4 4 4	4 4 4	5 4
	3 2 3	3 3		5
	4	2		

Int: 2 5 6
Temp: 4 5 8 9
Phys. Dem: S L 4 5 6

09 **EDUCATION**
090. **College and University Education**
090.168 DISCIPLINE COUNSELOR (education)
15 **ENTERTAINMENT AND RECREATION**
153. **Athletics and Sports**
153.168 PADDOCK JUDGE (amuse. & rec.)
153.268 PATROL JUDGE (amuse. & rec.)
UMPIRE (amuse. & rec.)
16 **ADMINISTRATIVE SPECIALTIES**
168. **Inspecting and Investigating, Managerial and Public Service**
168.168 BUILDING INSPECTOR (gov. ser.)
ELECTRICAL INSPECTOR (gov. ser.)
PLUMBING INSPECTOR (gov. ser.)
CORONER (gov. ser.)
CUSTOMS INSPECTOR (gov. ser.)
CUSTOMS INSPECTRESS (gov. ser.)
HEALTH OFFICER, FIELD (gov. ser.)
IMMIGRATION INSPECTOR (gov. ser.)
INSPECTOR, NURSING HOMES AND HOSPITALS (gov. ser.)
INVESTIGATOR (gov. ser.)
MOTOR TRANSPORTATION INSPECTOR (gov. ser.)
SAFETY INSPECTOR (gov. ser.)
LAND USE TECHNICIAN (gov. ser.)
MANAGER, CUSTOMER SERVICE (tel. & tel.)
POSTAL INSPECTOR (gov. ser.)
REVIEWING OFFICER, DRIVER'S LICENSE (gov. ser.)
SAFETY MAN (insurance)
TRANSPORTATION INSPECTOR (motor trans.; r.r. trans.)
WATER-REVENUE INSPECTOR (gov. ser.; waterworks)
168.268 DINING-SERVICE INSPECTOR (r.r. trans.)
EDUCATIONAL-BENEFITS REPRESENTATIVE (gov. ser.)
IDENTIFICATION OFFICER (gov. ser.)
INSURANCE EXAMINER (gov. ser.)
168.268 LICENSE INSPECTOR (gov. ser.)
Con. OPERATIONS INSPECTOR (gov. ser.)
SAFETY-AND-SANITARY INSPECTOR (any ind.)
TRAVEL-ACCOMMODATION APPRAISER (profess. & kin.)
169. **Administrative Specialties, n.e.c.**
169.168 EXAMINER, TARIFF AND SCHEDULES (gov. ser.)
FIRE ASSISTANT (gov. ser.)
INTERVIEWER AND CLAIMS ADJUSTER (gov. ser.)
PARK RANGER (gov. ser.)
VOCATIONAL DISABILITY EXAMINER (gov. ser.)
169.268 BONDSMAN (bus. ser.)
19 **MISCELLANEOUS PROFESSIONAL, TECHNICAL, AND MANAGERIAL WORK**
191. **Business Relations Work, n.e.c.**
191.168 SERVICE REPRESENTATIVE (auto. mfg.)
191.268 CREDIT ANALYST (banking)
CREDIT ANALYST (clerical)
INVESTIGATOR (insurance) I
199. **Miscellaneous Professional, Technical, and Managerial Work, n.e.c.**
199.268 CENSOR (profess. & kin.)
KEELER-POLYGRAPH OPERATOR (profess. & kin.)
24 **MISCELLANEOUS CLERICAL WORK**
241. **Adjusting**
241.168 CLAIM ADJUSTER (insurance)
241.268 INVESTIGATOR, BILL COMPLAINTS (light, heat, & power)
249. **Miscellaneous Clerical Work, n.e.c.**
249.268 CLAIM EXAMINER (insurance) II
37 **PROTECTIVE SERVICES**
372. **Guards and Related Services**
372.168 GUARD, CHIEF (any ind.)
372.268 SPECIAL AGENT (r.r. trans.)
373. **Fire Protection Service**
373.168 CAPTAIN, FIRE-PREVENTION BUREAU (gov. ser.)
373.168 FIRE CAPTAIN (gov. ser.)
Con. FIRE INSPECTOR (gov. ser.)
FIRE MARSHAL (any ind.)
FIRE CHIEF (sawmill)
375. **Police and Related Work, Public Service**
375.168 MATRON, HEAD (gov. ser.)
PILOT, HIGHWAY PATROL (gov. ser.)
POLICE LIEUTENANT, PRECINCT (gov. ser.) I
POLICE SERGEANT, PRECINCT (gov. ser.) I
SPECIAL AGENT, FBI (gov. ser.)
TRAFFIC LIEUTENANT (gov. ser.)
TRAFFIC SERGEANT (gov. ser.)
375.268 DETECTIVE (gov. ser.)
INVESTIGATOR, NARCOTICS (gov. ser.)
PATROL CONDUCTOR (gov. ser.)
PATROLMAN (gov. ser.)
ACCIDENT-PREVENTION-SQUAD PATROLMAN (gov. ser.)
HOMICIDE-SQUAD PATROLMAN (gov. ser.)
VICE-SQUAD PATROLMAN (gov. ser.)
POLICE INSPECTOR (gov. ser.) I
POLICE INSPECTOR (gov. ser.) III
POLICEWOMAN (gov. ser.)
STATE-HIGHWAY PATROLMAN (gov. ser.)
376. **Police and Related Work, Except in Public Service**
376.268 DETECTIVE (bus. ser.)
SHOPPING INVESTIGATOR (bus. ser.)
379. **Protective Services, n.e.c.**
379.168 CUSTOMS ENFORCEMENT OFFICER (gov. ser.)
FISH AND GAME WARDEN (gov. ser.)
379.268 DEMONSTRATOR, SAFE-DRIVING EQUIPMENT (any ind.)
DRIVER'S LICENSE EXAMINER (gov. ser.)
INSPECTOR, PRECINCT (gov. ser.)
44 **FORESTRY**
441. **Forest Conservation Work**
441.168 FIRE LOOKOUT (gov. ser.)
FIRE WARDEN (forestry)

MATERIALS ANALYSIS AND RELATED WORK

.181; .281; .381

Work Performed

Work activities in this group primarily involve applying principles of chemistry, physics, metallurgy, and related disciplines to the analysis, testing, and compounding of such materials as ores, foods, chemicals, and drugs. Activities range from primarily subjective evaluations, such as food-tasting, to objective evaluation of test data on the properties of such materials as fuels, gems, and textiles.

Worker Requirements

An occupationally significant combination of: Intellectual ability and interest sufficient to acquire necessary academic background; attention to detail; a facility with mathematics; and form perception to recognize physical differences in materials.

Clues for Relating Applicants and Requirements

Expressed preference for research work.
Academic success in science and laboratory courses in college or other scholastic environment.
Active participation in extracurricular science activities.
Experience assisting instructors in coursework in sciences.

Training and Methods of Entry

Employers prefer to hire workers who have completed some courses in mathematics, engineering, chemistry, or physics, including related laboratory work. These workers are then given the opportunity to become proficient through on-the-job training. Some of these activities require the worker to have a bachelor's degree and be licensed by the State.

RELATED CLASSIFICATIONS

Appraising and Investigating Work (.187; .284; .287) p. 420
Inspecting and Stock Checking (.382; .384; .387; .484; .487) p. 271
Sorting, Inspecting, Measuring, and Related Work (.484; .485; .487; .584; .585; .587; .683; .684; .685; .687) p. 282
Mathematics, Physical Sciences, and Related Research (.088; .188) p. 468
Scientific Research (.081) p. 466

QUALIFICATIONS PROFILE

GED: 5 4
SVP: 7 6 5

Apt: GVN	SPQ	KFM	EC
223	324	333	53
132	433	444	4
11		2	3

Int: 1 7 9
Temp: 0 Y
Phys. Dem: L 4 6

00, 01 **ARCHITECTURE AND ENGINEERING**

010. Mining and Petroleum Engineering

010.281 CORE ANALYST (petrol. production)
TEST-ENGINE EVALUATOR (petrol. refin.)
WELL-LOGGING OPERATOR, MUD ANALYSIS (petrol. production)

011. Metallurgy and Metallurgical Engineering

011.281 LABORATORY ASSISTANT, METALLURGICAL (iron & steel)
METALLURGIST ASSISTANT (profess. & kin.)
SPECTROSCOPIST (profess. & kin.)

011.381 TESTER (profess. & kin.)
TESTER, GENERAL AIRCRAFT MATERIALS (aircraft mfg.)

012. Industrial Engineering

012.281 AIR ANALYST (profess. & kin.)
SMOKE TESTER (ore dress., smelt., & refin.)

019. Architecture and Engineering, n.e.c.

019.381 LABORATORY TECHNICIAN (auto. mfg.)

02 **MATHEMATICS AND PHYSICAL SCIENCES**

022. Chemistry

022.181 COLORIST (profess. & kin.)
PERFUMER (chem.)

022.281 ASSAYER (profess. & kin.)
CHEMICAL-LABORATORY TECHNICIAN (profess. & kin.)
CHEMIST, WATER PURIFICATION (waterworks)
LABORATORY TESTER (synthetic fibers)
MALT-SPECIFICATIONS-CONTROL ASSISTANT (malt liquor)
PHYSICAL TESTER (plastics mat.)

024. Geology

024.181 ENGINEER, SOILS (profess. & kin.)

024.381 LABORATORY ASSISTANT (petrol. production) I

029. Mathematics and Physical Sciences, n.e.c.

029.281 LABORATORY TESTER (any ind.) I
CONTROL CHEMIST, FOUNDRY (found.)
TESTER (petrol. refin.)
FUEL-RESEARCH ENGINE OPERATOR (petrol. refin.)
TEST-ENGINE OPERATOR (petrol. refin.)

029.381 BOTTLE-HOUSE QUALITY-CONTROL TECHNICIAN (malt liquors)
CLOTH TESTER (garment; rubber goods)
LABORATORY ASSISTANT (light, heat, & power)
LABORATORY ASSISTANT (textile)
LABORATORY TESTER (any ind.) II
BENCHMAN (sugar)
CONTROL-LABORATORY TECHNICIAN (malt liquors)

04 **LIFE SCIENCES**

040. Agricultural Sciences

040.381 LABORATORY TECHNICIAN, ARTIFICAL BREEDING (agric.)
SEED ANALYST (profess. & kin.)

041. Biological Sciences

041.181 HISTOPATHOLOGIST (medical ser.)

041.281 PUBLIC-HEALTH BACTERIOLOGIST (gov. ser.)

07 **MEDICINE AND HEALTH**

073. Veterinary Medicine and Surgery

073.181 VETERINARY LIVESTOCK-INSPECTOR (gov. ser.)

073.281 VETERINARY VIRUS-SERUM INSPECTOR (gov. ser.)

073.381 LABORATORY TECHNICIAN, VETERINARY (medical ser.)

074. Pharmacy

074.181 PHARMACIST (profess. & kin.)

078. Medical and Dental Technology

078.281 BIOCHEMISTRY TECHNOLOGIST (medical ser.)
CYTOTECHNOLOGIST (medical ser.)
MEDICAL TECHNOLOGIST (medical ser.)
MICROBIOLOGY TECHNOLOGIST (drug. prep. & rel. prod.; medical ser.)

078.381 MEDICAL LABORATORY ASSISTANT (medical ser.)
NUCLEAR MEDICAL TECHNOLOGIST (medical ser.)
TISSUE TECHNOLOGIST (medical ser.)

19 **MISCELLANEOUS PROFESSIONAL, TECHNICAL, AND MANAGERIAL WORK**

199. Miscellaneous Professional, Technical, and Managerial Work, n.e.c.

199.281 GEMOLOGIST (jewelry)
TESTER, FOOD PRODUCTS (grain & feed mill.)

199.381 RADIOGRAPHER (any ind.)

46 **AGRICULTURAL SERVICES**

469. Agricultural Services, n.e.c.

469.381 DAIRY TESTER (agric.)

52 **PROCESSING, FOOD AND RELATED PRODUCTS**

529. Processing, Food and Related Products, n.e.c.

529.281 TASTER (food prep., n.e.c.)

97 **GRAPHIC ART WORK**

976. Darkroom Work, n.e.c.

976.381 PHOTOGRAPHIC SENSITOMETRIST (motion pic.)
SOUND AND LABORATORY ENGINEER (motion pic.)

APPRAISING AND INVESTIGATING WORK

.187; .284; .287

Work Performed

Work activities in this group primarily involve applying a knowledge of the principles and techniques pertinent to such specific fields as mining, construction, merchandising, and sanitation in order to appraise the worth of or investigate the condition or state of objects, systems, activities, and procedures. Also involves verifying compliance with laws and standards and recommending remedial action.

Work Requirements

An occupationally significant combination of: Intelligence and verbal facility to understand, learn, and apply concepts and procedures; numerical skill to apply mathematics to the investigation of specific situations; spatial aptitude to visualize three-dimensional forms and relationships as represented in blueprints; and form perception to distinguish details in objects or drawings.

Clues for Relating Applicants and Requirements

Successful experience of a technical or quasi-technical nature in specific fields.
Preference for analytical work as demonstrated by work history and interests.
Demonstrated ability and willingness to accept decision-making responsibility.

Training and Methods of Entry

Entry is usually achieved by a record of successful technical preparation and/or experience in lower level positions which has enabled the individual to acquire a complete working knowledge of the field of endeavor under consideration.

RELATED CLASSIFICATIONS

Inspecting and Stock Checking (.382; .384; .387; .484; .487) p. 271
Sorting, Inspecting, Measuring, and Related Work (.484; .485; .487; .584; .585; .587; .683; .684; .685; .687) p. 282

QUALIFICATIONS PROFILE

GED: 4 5
SVP: 8 7 6

Apt:	GVN	SPQ	KFM	EC
	222	334	444	54
	33	23		3

Int: 7
Temp: 1 9 0
Phys. Dem: L 5 6

14 **ART WORK**
149. **Art Work, n.e.c.**
149.287 APPRAISER, ART (profess. & kin.)
15 **ENTERTAINMENT AND RECREATION**
153. **Athletics and Sports**
153.287 PLATING INSPECTOR (amuse. & rec.)
16 **ADMINISTRATIVE SPECIALTIES**
168. **Inspecting and Investigating, Managerial and Public Service**
168.187 FURNITURE-AND-BEDDING INSPECTOR (gov. ser.)
168.284 SAFETY INSPECTOR (any ind.)
VETERINARY MEAT-INSPECTOR (gov. ser.)
168.287 AGRICULTURAL-COMMODITY GRADER (gov. ser.)
PLANT-QUARANTINE INSPECTOR (gov. ser.)
APIARY INSPECTOR (gov. ser.)
BOILER INSPECTOR (profess. & kin.)
BUILDING INSPECTOR (insurance)
CHECK VIEWER (mining & quarrying)
MINE INSPECTOR, STATE (gov. ser.)
CUSTOMS EXAMINER (gov. ser.)
CUSTOMS SAMPLER (gov. ser.)
CUSTOMS VERIFIER (gov. ser.)
FIELD REPRESENTATIVE (ret. tr.; whole tr.)
FOOD AND DRUG INSPECTOR (gov. ser.)
GASOLINE INSPECTOR (gov. ser.)
INDUSTRIAL PROPERTY OFFICER (gov. ser.)
INDUSTRIAL-WASTE INSPECTOR (gov. ser.)
INSPECTOR, WATER WELLS (gov. ser.)
INSPECTOR, WEIGHTS AND MEASURES (gov. ser.)
INTERIOR-WIRING INSPECTOR (const.; light, heat, & power)
MORTICIAN INVESTIGATOR (gov. ser.)
POULTRY GRADER (gov. ser.)
POULTRY INSPECTOR, LAY (gov. ser.)
QUALITY-ASSURANCE REPRESENTATIVE (gov. ser.)
SANITARY INSPECTOR (gov. ser.)
169. **Administrative Specialties, n.e.c.**
169.284 ADMEASURER (gov. ser.)
18 **MANAGERIAL WORK, N.E.C.**
182. **Construction Management**
182.287 CONSTRUCTION INSPECTOR (const.)
BUILDING-CONSTRUCTION INSPECTOR (const.)
DITCH INSPECTOR (const.)
HIGHWAY INSPECTOR (const.)
MASONRY INSPECTOR (const.)
REINFORCED-CONCRETE INSPECTOR (const.)
RIVET INSPECTOR (const.)
ROD INSPECTOR (const.)
STRUCTURAL-STEEL INSPECTOR (const.)
TUNNEL-HEADING INSPECTOR (const.)
19 **MISCELLANEOUS PROFESSIONAL, TECHNICAL, AND MANAGERIAL WORK**
191. **Business Relations Work, n.e.c.**
191.287 APPRAISER, FURNITURE (ret. tr.)
APPRAISER, REAL ESTATE (real estate)
199. **Miscellaneous Professional, Technical, and Managerial Work, n.e.c.**
199.187 RADIATION MONITOR (profess. & kin.)
199.287 BALLISTICS EXPERT (gov. ser.)
29 **MISCELLANEOUS MERCHANDISING WORK**
299. **Miscellaneous Merchandising Work, n.e.c.**
299.287 APPRAISER, AUTOMOBILE (ret. tr.)
PEST-CONTROL REPRESENTATIVE, STRUCTURAL (bus. ser.)
31 **FOOD AND BEVERAGE PREPARATION AND SERVICE**
310. **Food and Beverage Service, Except Ship Stewards**
310.287 ANALYST, FOOD AND BEVERAGE (hotel & rest.)
44 **FORESTRY**
449. **Forestry, n.e.c.**
449.287 CRUISER (forestry; logging)
449.287 Con. LOGGING-OPERATIONS INSPECTOR (forestry; logging)
77 **FABRICATION AND REPAIR OF SAND, STONE, CLAY, AND GLASS PRODUCTS**
770. **Fabrication and Repair of Jewelry, Ornaments, and Related Products**
770.287 DIAMOND EXPERT (jewelry)
80 **METAL FABRICATING, N.E.C.**
807. **Body Work, Transportation Equipment**
807.287 SHOP ESTIMATOR (auto. ser.)
82 **ELECTRICAL ASSEMBLING, INSTALLING, AND REPAIRING**
822. **Wire Communication, Detection, and Signaling Equipment Assembly, Installation, and Repair**
822.287 LINE INSPECTOR (tel. & tel.)
86 **CONSTRUCTION WORK, N.E.C.**
862. **Plumbing, Gas Fitting, Steam Fitting, and Related Work**
862.287 COATING INSPECTOR, PIPE LINE (const.; pipe lines)
869. **Miscellaneous Construction Work, n.e.c.**
869.287 BRIDGE INSPECTOR (r.r. trans.)
91 **TRANSPORTATION WORK, N.E.C.**
910. **Railroad Transportation**
910.287 RAILROAD-CAR INSPECTOR (r.r. trans.)
FEDERAL INSPECTOR, RAILROAD (r.r. trans.)
WAY INSPECTOR (r.r. trans.)
93 **EXTRACTION OF MINERALS**
930. **Boring, Drilling, Cutting, and Related Work**
930.287 OIL-PIPE INSPECTOR (petrol. production)
95 **PRODUCTION AND DISTRIBUTION OF UTILITIES**
953. **Production and Distribution of Gas**
953.287 STREET-OPENINGS INSPECTOR (light, heat, & power)
956. **Distribution of Steam**
956.287 INSPECTOR, CHIEF (light, heat, & power)

TRANSPORTING AND TEST DRIVING

.283; .383

Work Performed

Work activities in this group primarily involve driving or operating diesel-, gasoline-, steam-, or electric-powered vehicles to test their performance, transport cargo, or provide a special service, such as crop dusting, seeding, or crime detection.

Work Requirements

An occupationally significant combination of: Ability to control movement of vehicles according to schedules, signals, traffic regulations, and weather conditions; verbal facility to understand technical material and intelligence to apply it when testing a vehicle and preparing detailed reports on its performance; spatial perception to visualize the relationship of controlled vehicles to other objects and relate symptoms indicative of malfunctioning to mechanical defects and disorders; eye-hand-foot coordination to move levers, pedals, and steering mechanism simultaneously; physical stamina, good vision and hearing, and no physical handicaps that would impair quick reactions.

Clues for Relating Applicants and Requirements

Successful completion of auto-mechanics course in school.
Experience driving sports cars in amateur races.
Hobbies, such as reading automobile magazines and collecting models of automobiles.

Training and Methods of Entry

The ability to operate or drive a vehicle is essential for entry into this kind of work. In some cases, applicants may meet the requirements through training they have received in the military service. Others may qualify through extensive experience, on-the-job training, or attendance at a school which specializes in driver training.

RELATED QUALIFICATIONS

Transportation Service Work (.363; .364; .463) p. 519
Driving-Operating (.883) p. 444
Delivery and Service Work, n.e.c. (.383; .483) p. 491

QUALIFICATIONS PROFILE

GED: 4 5
SVP: 7 8

Apt:	GVN	SPQ	KFM	EC
	3 3 3	3 3 4	3 3 3	3 4
	2 2	2		4 5

Int: 9 1
Temp: 0
Phys. Dem: L 4 5 6

19 **MISCELLANEOUS PROFESSIONAL, TECHNICAL, AND MANAGERIAL WORK**

196. **Airplane Piloting and Navigating**

196.283 AIRPLANE PILOT (agric.)
AIRPLANE PILOT, COMMERCIAL (air trans.)
AIRPLANE-PATROL PILOT (bus. ser.)
AIRPLANE PILOT, PHOTOGRAMMETRY (bus. ser.)
HELICOPTER PILOT (air trans.)
EXECUTIVE PILOT (any ind.)
FACILITIES-FLIGHT-CHECK PILOT (gov. ser.)
MISSILE-CONTROL PILOT (aircraft mfg.)
TEST PILOT (aircraft mfg.; air trans.)

80 **METAL FABRICATING, N.E.C.**

806. **Transportation Equipment Assembling and Related Work**

806.283 TEST DRIVER (auto. mfg.) II

91 **TRANSPORTATION WORK, N.E.C.**

910. **Railroad Transportation**

910.383 FIREMAN, LOCOMOTIVE (r.r. trans.)
LOCOMOTIVE ENGINEER (r.r. trans.) I
RAIL-FLAW-DETECTOR-CAR OPERATOR (r.r. trans.)

LAW AND LAW ENFORCEMENT

		Page
.108 .118 .168	Legal and Related Work	425
.118 .168	Contract Negotiating and Related Work *see under* BUSINESS RELATIONS	239
.168 .268	Investigating, Protecting, and Related Work *see under* INVESTIGATING, INSPECTING, AND TESTING	416
.187 .284 .287	Appraising and Investigating Work *see under* INVESTIGATING, INSPECTING, AND TESTING	420
.288	Title and Contract Search and Analysis and Related Work *see under* BUSINESS RELATIONS	254
.868 .878	Protecting and Related Work	427

LEGAL AND RELATED WORK

.108; .118; .168

Work Performed

Work activities in this group primarily involve applying a knowledge of municipal, county, State, or Federal laws to various phases of litigating and adjudicating. Typical activities would include advising clients of their legal rights and obligations, and, where necessary, representing them in courts of law; preparing legal documents; investigating and adjusting claims for damages and suits; negotiating settlements out of court and representing clients before quasi-judical or administrative agencies of the government; and acting as trustees, guardians, or executors of estates. Prosecuting individuals accused of crimes, administering Federal and State laws, and serving as judges are representative functions of workers employed by the government.

Worker Requirements

An occupationally significant combination of: Intellectual capacity to absorb legal training and reason analytically when relating training and knowledge to legal problems; facility with language; the ability to relate to people; originality and persuasiveness for presenting arguments; and unwavering accuracy for complex detailed work.

Clues for Relating Applicants and Requirements

Good academic record.
Expressed desire for public-contact work.
Poise and good vocabulary.
Membership in school debating club.
Interest in intellectual pursuits as evidenced by reading habits and cultural orientation.

Training and Methods of Entry

Before an individual can practice in the courts of any State he must be admitted to the bar of that State. In all States applicants must pass a written examination. A few States waive these requirements, however, for graduates of their own law schools. If a person has been admitted to the bar in one State, he can usually be admitted to practice in another without taking an examination, provided he meets the standards of good moral character and has a specified amount of legal experience. The right to practice before Federal courts and agencies is conrolled by special rules.

To qualify for the bar examinations in most States an applicant must have completed 2 or 3 years of college and, in addition, must be a graduate of a law school approved by the American Bar Association or State authorities. In New York and Pennsylvania candidates must also complete a period of clerkship in a law office after graduation from law school before they are admitted to the bar exam.

Most beginners start in salaried positions as assistants to experienced lawyers. Initially, their work is limited to research. After several years of progressively responsible salaried employment during which they can obtain experience, funds, and a reputation, many go into practice for themselves.

RELATED CLASSIFICATIONS

Investigating, Protecting, and Related Work (.168; .268) p. 416
Appraising and Investigating Work (.187; .284; .287) p. 420
Title and Contract Search and Analysis and Related Work (.288) p. 254
Contract Negotiating and Related Work (.118; .168) p. 239

QUALIFICATIONS PROFILE

GED: 5 6
SVP: 8 7 9
Apt: GVN SPQ KFM EC
113 444 444 55
3

Int: 6 5 8
Temp: 9 5 7 0
Phys. Dem: S L 5

11 **LAW AND JURISPRUDENCE**

110. **Legal Work**

110.108 LAWYER (profess. & kin.)
LAWYER, CRIMINAL (profess. & kin.)

110.118 CLAIM ATTORNEY (insurance)
DISTRICT ATTORNEY (gov. ser.)
INSURANCE ATTORNEY (insurance)
LAWYER, ADMIRALTY (profess. & kin.)
LAWYER, CORPORATION (profess. & kin.)

110.118 LAWYER, PATENT (profess. & kin.)
Con. LAWYER, PROBATE (profess. & kin.)
LAWYER, REAL ESTATE (profess. & kin.)
TITLE ATTORNEY (profess. & kin.)
SOLICITOR, CITY OR STATE (gov. ser.)
TAX ATTORNEY (profess. & kin.)

110.168 BAR EXAMINER (profess. & kin.)

111. **Judicial Work**

111.108 JUDGE (gov. ser.)

111.118 MAGISTRATE (gov. ser.)

119. **Law and Jurisprudence, n.e.c.**

119.118 APPEALS REVIEWER (gov. ser.)

119.168 CLAIM MAN (petrol. production; pipe lines)
PATENT AGENT (profess. & kin.)

16 **ADMINISTRATIVE SPECIALTIES**

169. **Administrative Specialties, n.e.c.**

169.168 ADJUDICATOR (gov. ser.)
APPEALS REFEREE, UNEMPLOYMENT INSURANCE (gov. ser.)
RATING SPECIALIST, OCCUPATIONAL (gov. ser.)

PROTECTING AND RELATED WORK

.868; .878

Work Performed

Work activities in this group primarily involve rendering services designed to defend the person, property, or rights of individuals, establishments, or the general public against injury, loss, or disturbance resulting from criminal or disorderly acts, unwanted intrusion, accidents, fire, or other hazards.

Worker Requirements

An occupationally significant combination of: The ability to exercise initiative in relating to people and adjusting to fluctuating situations; equanimity in the face of danger or resistance; manual dexterity and motor coordination for using firearms; honesty and dependability; and physical stamina.

Clues for Relating Applicants and Requirements

Participation in police boys' clubs.
Summer lifeguard experience.
Expressed preference for dealing with the public.
Membership in gun clubs.

Training and Methods of Entry

Workers who engage in this work are usually required to undergo rigid training and pass difficult tests before they are deemed qualified. When the protection of property or lives is involved, there is very little room for error, and beginners are usually teamed with experienced workers and given little responsibility until they thoroughly learn the work. Most entry jobs are gained by passing examinations and meeting established criteria which vary from situation to situation. Experience and training in related fields very often serve as bridges for entry. An individual who has been exposed to criminal investigation work can easily find employment opportunities.

RELATED CLASSIFICATIONS

Investigating, Protecting, and Related Work (.168; .268) p. 416
Appraising and Investigating Work (.187; .284; .287) p. 420

QUALIFICATIONS PROFILE

GED: 3
SVP: 3 4

Apt:	GVN	SPQ	KFM	EC
	3 3 4	4 4 4	4 4 4	5 5
	3	5		4

Int: 2 6
Temp: 5 8
Phys. Dem: L

24 **MISCELLANEOUS CLERICAL WORK**
249. **Miscellaneous Clerical Work, n.e.c.**
249.868 PROCESS SERVER (bus. ser.)
37 **PROTECTIVE SERVICES**
372. **Guards and Related Services**
372.868 ARMORED-CAR GUARD (bus. ser.)
BODYGUARD (per. ser.)
CORRECTION OFFICER (gov. ser.)
JAILER (gov. ser.)
GATEMAN (any ind.)
STAGE-DOOR MAN (amuse. & rec.)
WATCHMAN, SET (motion pic.; radio & tv broad.)
GUARD (any ind.)
GUARD, IMMIGRATION (gov. ser.)

372.868 SECURITY INSPECTOR (gov. ser.)
Con. WATCHMAN (any ind.) I
MERCHANT PATROLMAN (bus. ser.)
375. **Police and Related Work, Public Service**
375.868 BORDER PATROLMAN (gov. ser.)
MATRON (gov. ser.) II
376. **Police and Related Work, Except in Public Service**
376.868 ALARM INVESTIGATOR (any ind.)
DETECTIVE (any ind.) I
INVESTIGATOR (light, heat, & power)
STORE DETECTIVE (ret. tr.)
UNDERCOVER OPERATOR (ret. tr.)

376.868 DETECTIVE (any ind.) II
Con. FLOORMAN (amuse. & rec.) I
HOUSE OFFICER (hotel & rest.)
PATROLMAN (r.r. trans.)
377. **Law Enforcement Work, n.e.c.**
377.868 BAILIFF (gov. ser.)
SHERIFF, DEPUTY (gov. ser.)
379. **Protective Services, n.e.c.**
379.868 GOLF-COURSE RANGER (amuse. & rec.)
LIFEGUARD (amuse. & rec.)
SKI PATROLMAN (amuse. & rec.)
379.878 DOG CATCHER (gov. ser.)
40 **PLANT FARMING**
407. **Gardening and Groundskeeping**
407.868 PARK CARETAKER (gov. ser.)

MACHINE WORK

		Page
.280 .380	Set Up and/or All-Round Machine Operating	430
.780	Set Up and Adjustment	433
.782	Operating-Controlling	435
.883	Driving-Operating	444
.885	Tending	447
.886	Feeding-Offbearing (*see under* ELEMENTAL WORK)	356

SET UP AND/OR ALL-ROUND MACHINE OPERATING

.280; .380

Work Performed

Work activities in this group primarily involve applying a knowledge of machine capabilities, properties of materials, and shop practices to situations involving the setting up of machines for others to operate and/or the setting up and personal operation of a variety of machines. Typically, workers plan the order of successive operations, install and adjust cutting tools and other machine components, and adjust the position of the workpiece or material. Workers must be conversant with mechanical principles and technical data and skilled in the use of precision gages and measuring instruments used to position workpiece, adjust machines, and verify accuracy of machine functions and work produced.

Worker Requirements

An occupationally significant combination of: A preference for working with machinery; attention to detail; visual acuity; the ability to comprehend and apply mechanical principles and technical data; facility in basic mathematics; eye-hand coordination; manual and finger dexterity; physical stamina and agility; and the ability to adapt to fluctuating situations.

Clues for Relating Applicants and Requirements

Success in machine shop courses in high school or vocational school.
Expressed preference for working with machines.
Success and interest in mathematics and technical subjects in school.
Vacation or leisure time work experience relating to machines.

Training and Methods of Entry

Apprenticeship programs are generally accepted as the best method of entry into this field. Entry may also be achieved by starting as a helper or machine hand and gradually qualifying to perform progressively more difficult work by demonstrating increasing skill and responsibility. Supervised on-the-job experience and technical instruction is also provided by machine manufacturers and machines users, and applicable skills may be acquired by taking courses in mechanical and technical subjects.

RELATED CLASSIFICATIONS

Set Up and Adjustment (.780) p. 433
Motion Picture Projecting, Photographic Machine Work, and Related Activities (.282; .382) p. 514
Operating-Controlling (.782) p. 435
Tending (.885) p. 447
Feeding-Offbearing (.886) p. 356

QUALIFICATIONS PROFILE

GED: 4
SVP: 7 8 6
Apt: **GVN** **SPQ** **KFM** EC
3 3 3 2 2 4 3 3 2 5 5
4 3 3 2 2 3 4
4 4 4

Int: 9 0
Temp: Y 0 1
Phys. Dem: L M H 2 3 4 6

00, 01 ARCHITECTURE AND ENGINEERING
002. **Aeronautical Engineering**
002.280 RESEARCH MECHANIC (aircraft mfg.)
008. **Chemical Engineering**
008.380 ANALYTICAL RESEARCH TECHNICIAN, RESINS AND ADHESIVES (chem.)
PILOT-PLANT OPERATOR (petrol. refin.)
015. **Nuclear Engineering**
015.380 HOT-CELL TECHNICIAN (chem.)
RADIOISOTOPE-PRODUCTION OPERATOR (chem.)
TEST-REACTOR OPERATOR (profess. & kin.)
02 MATHEMATICS AND PHYSICAL SCIENCES
029. **Mathematics and Physical Sciences, n.e.c.**
092.280 OPTICAL-MISSILE TRACKING TECHNICIAN (profess. & kin.)
50 METAL PROCESSING
500. **Electroplating**
500.380 PLATER (electroplating)
PLATER, PLASTICS (fabric. plastics prod.)
PLATER APPRENTICE (electroplating)
504. **Heat Treating**
504.380 FLAME-HARDENING-MACHINE SET-UP MAN (heat treat.)
FLAME-ANNEALING-MACHINE SET-UP MAN (heat treat.)
INDUCTION-MACHINE SET-UP MAN (heat treat.)
51 ORE REFINING AND FOUNDRY WORK
514. **Pouring and Casting**
514.380 DIE-CASTING-MACHINE SET-UP MAN (found.)
54 PROCESSING, PETROLEUM AND RELATED PRODUCTS
542. **Distilling, Subliming, and Carbonizing**
542.280 STILLMAN (petrol. refin.)
549. **Processing, Petroleum and Related Products, n.e.c.**
549.380 PUMPMAN (petrol. refin.) II
55 PROCESSING, CHEMICALS AND RELATED PRODUCTS
552. **Distilling**
552.380 RECOVERY OPERATOR (paper & pulp)
558. **Reacting, n.e.c.**
558.280 CHIEF OPERATOR (chem.)
CHIEF OPERATOR, PURIFICATION AND REACTION (chem.)
CHIEF OPERATOR, REFORMER (chem.)
CHIEF OPERATOR, SYNTHESIS (chem.)
559. **Processing, Chemicals and Related Products, n.e.c.**
559.380 CHEMICAL-PROCESS OPERATOR (chem.)
57 PROCESSING, NONMETALLIC MINERALS AND RELATED PRODUCTS
572. **Melting**
572.380 FURNACE-COMBUSTION ANALYST (glass mfg.)
575. **Forming**
575.380 FORMING-MACHINE UPKEEP-MAN (glass mfg.)
58 PROCESSING, LEATHER AND TEXTILES
585. **Singeing, Cutting, Shearing, Shaving, and Napping**
585.380 CUTTING-MACHINE FIXER (textile)
589. **Processing, Leather and Textiles, n.e.c.**
589.280 FITTER-UP (leather mfg.)
59 PROCESSING, N.E.C.
599. **Miscellaneous Processing, n.e.c.**
599.380 EXHAUST EQUIPMENT SET-UP MAN (electronics)
60 METAL MACHINING
600. **Machining and Related Work**
600.280 EXPERIMENTAL MECHANIC (motor. & bicycles)
INSTRUMENT MAKER (any ind.) II
INSTRUMENT BUILDER (inst. & app.)
INSTRUMENT-MAKER AND REPAIRMAN (petrol. production)
INSTRUMENT-MAKER APPRENTICE (any ind.)
MACHINIST (mach. shop) I
MACHINIST, AUTOMOTIVE (auto. ser.)
MACHINIST, EXPERIMENTAL (mach. shop)
MACHINIST, ULTRASONIC (mach. shop)
MACHINIST APPRENTICE (mach. shop)
MACHINIST APPRENTICE, AUTOMOTIVE (auto. ser.)
MAINTENANCE MACHINIST (any ind.)
MODEL MAKER (firearms)
PATTERNMAKER APPRENTICE, METAL (found.)
PATTERNMAKER, METAL (found.)
SAMPLE MAKER (elec. equip.)
600.380 FIXTURE MAKER (light. fix.)
600.380 JOB SETTER (mach. shop)
Con. HEDDLE-MACHINE FIXER (mach. mfg.)
SET-UP MAN (clock & watch)
SET-UP MAN, PLASTICS (fabric. plastics prod.)
MACHINE SET-UP OPERATOR (mach. shop)
BARREL REAMER-RIFLER, SPECIAL (firearms)
SPECIAL-BARREL PROCESSOR (firearms)
MACHINE TRY-OUT MAN (mach. tool & access.)
MODEL MAKER (inst. & app.)
601. **Toolmaking and Related Work**
601.280 DIE-MAKER APPRENTICE (mach. shop)
DIE MAKER, DIECASTING AND PLASTIC MOLDING (mach. shop)
DIE MAKER, STAMPING (mach. shop)
DIE MAKER, TRIM (mach. shop)
DIE MAKER, WIRE DRAWING (mach. shop)
DIE SINKER (mach. shop)
EDGER MAN (mach. shop)
DIE-TEMPLATE MAKER, EXTRUSION (mach. shop)
TAP-AND-DIE-MAKER TECHNICIAN (clock & watch)
TOOL-AND-DIE MAKER (mach. shop)
HOROLOGICAL TOOL-AND-DIE MAKER (clock & watch)
TOOL-AND-DIE MAKER APPRENTICE (mach. shop)
TOOL MACHINE SET-UP OPERATOR (mach. shop)
TOOL MAKER (mach. shop)
PINION MASTER-FORM AND CUTTER MAKER (clock & watch)
SWISS-JIG BORER-AND-GRINDER TECHNICIAN (clock & watch)
TOOL-MAKER APPRENTICE (mach. shop)
601.380 CARBIDE OPERATOR (mach. shop)
CARBIDE-TOOL MAKER (clock & watch)
DIAMOND-TOOL MAKER (clock & watch)
602. **Gear Machining**
602.280 GEAR-CUTTING-MACHINE SET-UP OPERATOR, TOOL (mach. shop)
602.380 GEAR-CUTTING-MACHINE SET-UP OPERATOR (mach. shop)
603. **Abrading**
603.280 GRINDER OPERATOR, EXTERNAL, TOOL (mach. shop)
GRINDER OPERATOR, INTERNAL, TOOL (mach. shop)
GRINDER OPERATOR, SURFACE, TOOL (mach. shop)
GRINDER OPERATOR, TOOL (mach. shop)
GRINDER OPERATOR, UNIVERSAL, TOOL (mach. shop)
GRINDER SET-UP OPERATOR, JIG (mach. shop)
GRINDER SET-UP OPERATOR, THREAD, TOOL (mach. shop)
TOOL-GRINDER OPERATOR (mach. shop)
603.380 BUFFING-LINE SET-UP MAN (any ind.)
GRINDER SET-UP MAN (mach. shop)
HONING-MACHINE SET-UP MAN (mach. shop)
604. **Turning**
604.280 ENGINE-LATHE SET-UP OPERATOR, TOOL (mach. shop)
SCREW-MACHINE SET-UP MAN, MULTIPLE SPINDLE, JOBBING (mach. shop)
SCREW-MACHINE SET-UP MAN, SINGLE SPINDLE, JOBBING (mach. shop)
SCREW-MACHINE SET-UP OPERATOR, MULTIPLE-SPINDLE, JOBBING (mach. shop)
SCREW-MACHINE SET-UP OPERATOR, SINGLE SPINDLE, JOBBING (mach. shop)
TURRET-LATHE SET-UP OPERATOR, TOOL (mach. shop)
604.380 CHUCKING-MACHINE SET-UP MAN (mach. shop)
CHUCKING-MACHINE SET-UP OPERATOR (mach. shop)
CHUCKING-MACHINE SET-UP OPERATOR, MULTIPLE SPINDLE, VERTICAL (mach. shop)
LATHE SET-UP MAN (mach. shop)
SCREW-MACHINE SET-UP MAN, PRODUCTION (mach. shop)
SET-UP MAN, AUTOMATIC SPINNING LATHE (any ind.)
SET-UP MAN, AUTOMATIC SPINNING-AND-BEADING-LATHE (any ind.)
604.380 TURRET-LATHE SET-UP MAN (mach. shop)
Con. TURRET-LATHE SET-UP OPERATOR (mach. shop)
605. **Milling and Planing**
605.280 PROFILING-MACHINE SET-UP OPERATOR, TOOL (mach. shop)
605.380 MILLING-MACHINE SET-UP MAN (mach. shop)
MILLING-MACHINE SET-UP OPERATOR, TOOL (mach. shop)
PLANER-TYPE-MILLING-MACHINE SET-UP OPERATOR (mach. shop)
ROTARY-HEAD-MILLING-MACHINE SET-UP OPERATOR (mach. shop)
606. **Boring**
606.280 BORING-MACHINE SET-UP OPERATOR, JIG (mach. shop)
BORING-MILL SET-UP OPERATOR, HORIZONTAL (mach. shop)
606.380 DRILL-PRESS SET-UP OPERATOR, MULTIPLE SPINDLE (mach. shop)
DRILL-PRESS SET-UP OPERATOR, RADIAL (mach. shop)
DRILL-PRESS SET-UP OPERATOR, RADIAL, TOOL (mach. shop)
609. **Metal Machining, n.e.c.**
609.280 GUNSMITH, BALLISTICS LABORATORY (ammunition)
MECHANICAL TECHNICIAN, LABORATORY (clock & watch)
609.380 ENGINE-LATHE SET-UP OPERATOR (mach. shop)
METAL SPRAYER, MACHINED PARTS (any ind.)
THREADING MACHINE SET-UP MAN (mach. shop)
TURBINE-BLADE ASSEMBLER (engine & turbine)
61 METALWORKING, N.E.C.
612. **Forging, n.e.c.**
612.380 DIE SETTER (forging)
613. **Sheet and Bar Rolling**
613.380 ROLL-FORMING-MACHINE SET-UP MAN (any ind.)
TIN ROLLER, HOT MILL (iron & steel)
615. **Punching and Shearing**
615.380 SHEAR SET-UP MAN (any ind.)
616. **Fabricating Machine Work**
616.280 EMBOSSING TOOLSETTER (ammunition)
SPRING-COILING-MACHINE SET-UP MAN (spring)
616.380 FOUR-SLIDE-MACHINE SET-UP MAN (any ind.)
LOOM SETTER, WIRE WEAVING (wirework)
MACHINE OPERATOR (any ind.) I
SHEET-METAL-FABRICATING-MACHINE OPERATOR (any ind.)
MULTI-OPERATION-FORMING-MACHINE OPERATOR (any ind.) I
SET-UP MAN (any ind.)
SET-UP MAN, SHEET METAL (any ind.)
SPRING MAKER (spring) I
WELDER, PIPE MAKING (iron & steel)
617. **Metal Forming, n.e.c.**
617.280 PRESS OPERATOR, HEAVY DUTY (any ind.)
BULLDOZER OPERATOR (any ind.) II
DISHING-MACHINE OPERATOR (any ind.)
617.380 BRAKE OPERATOR (any ind.) I
BRAKE OPERATOR, HEAVY DUTY (any ind.)
BRAKE OPERATOR, SHEET METAL (any ind.) I
619. **Miscellaneous Metalworking, n.e.c.**
619.280 NEEDLEMAKER (needle, pin. & rel. prod.)
ORNAMENTAL-METAL WORKER (fabric. metal prod., n.e.c.)
ORNAMENTAL-METAL-WORKER APPRENTICE (fabric. metal prod., n.e.c.; struct. & ornam. metalwork)
SPRING-MANUFACTURING SET-UP TECHNICIAN (clock & watch)
619.380 DRIVEMATIC-MACHINE OPERATOR (any ind.)
GRID-MACHINE JOB SETTER (electronics)
METAL FABRICATOR (any ind.) I
BOILERMAKER (boilermaking) II
ORNAMENTAL-METAL WORKER (struct. & ornam. metalwork)
METAL-FABRICATOR APPRENTICE (any ind.)
MULTI-OPERATION-FORMING-MACHINE SET-UP MAN (any ind.)
PUNCH-PRESS SET-UP MAN (any ind.)
SPRING REPAIRMAN, HAND (auto. ser.)

65 **PRINTING**
651. **Printing Press Work**
651.280 EXPERIMENTAL PRESSMAN (ink)
659. **Printing, n.e.c.**
659.380 PLATE FINISHER (print. & pub.)
66 **WOOD MACHINING**
660. **Cabinetmaking**
660.280 CABINETMAKER (woodworking)
REFRIGERATOR CABINETMAKER (refrigerat. equip.)
CABINETMAKER APPRENTICE (woodworking)
661. **Patternmaking**
661.380 MODEL MAKER, WOOD (any ind.)
669. **Wood Machining, n.e.c.**
669.280 MACHINE SET-UP MAN (woodworking)
669.380 MILLMAN (woodworking)
MILLMAN APPRENTICE (woodworking)
PIPE-AND-TANK FABRICATOR (cooperage)
67 **MACHINING, NONMETALLIC MINERALS AND RELATED MATERIALS**
675. **Planing and Shaping, n.e.c.**
675.280 FLAT-OPTICAL-ELEMENT MAKER (optical goods)
675.380 PRECISION-LENS GRINDER (optical goods)
PRECISION-LENS-GRINDER APPRENTICE (optical goods)
679. **Machining, Nonmetallic Minerals and Related Materials, n.e.c.**
679.380 OPTICAL-MODEL MAKER AND TESTER (optical goods)
68 **TEXTILE MACHINE WORK**
680. **Carding, Combing, Drawing, and Related Work**
680.380 CARD GRINDER (asbestos prod.; textile)
681. **Twisting, Beaming, Warping, and Related Work**
681.280 MACHINE FIXER (textile)
BOX TENDER (synthetic fibers)
683. **Weaving and Related Work**
683.280 BRAID-PATTERN MAN (narrow fabrics)
683.280 Con. LOOM FIXER (asbestos prod.; narrow fabrics; textile)
CARPET-LOOM FIXER (carpet & rug)
SWATCH CHECKER (textile)
683.380 HARNESS BUILDER (textile)
LOOM CHANGER (textile)
LOOM STARTER (textile)
RUG-FRAME INSPECTOR (carpet & rug)
684. **Hosiery Knitting**
684.280 LOOPER FIXER (hosiery)
685. **Knitting, Except Hosiery**
685.380 KNITTER MECHANIC (knit goods)
LINK-AND-LINK-KNITTING-MACHINE OPERATOR (knit goods)
689. **Textile Machine Work, n.e.c.**
689.280 KNITTING-MACHINE FIXER (hosiery; knit goods)
QUILTER FIXER (house furn.)
SECTION MAN (textile)
69 **MACHINE WORK, N.E.C.**
691. **Insulated Wire and Cable Fabricating**
691.380 SET-UP MAN, COIL-WINDING MACHINES (elec. equip.)
692. **Fabrication of Products from Assorted Materials**
692.380 FIRESETTER (elec. equip.; electronics)
SET-UP MAN (pen & pencil)
693. **Modelmaking, Patternmaking, and Related Work**
693.280 EXPERIMENTAL-AIRCRAFT MECHANIC (aircraft mfg.)
DEVELOPER PROVER, MECHANICAL (aircraft mfg.)
FORM BUILDER (aircraft mfg.)
693.380 MODEL MAKER (clock & watch)
SAMPLE-BODY BUILDER (auto. mfg.)
SAMPLE-BODY-BUILDER APPRENTICE (auto. mfg.)
694. **Fabrication of Ordnance, Ammunition, and Related Products, n.e.c.**
694.280 LOADING-MACHINE TOOL-SETTER (ammunition)
694.380 PRIMER-CHARGING TOOL-SETTER (ammunition)
80 **METAL FABRICATING, N.E.C.**
809. **Miscellaneous Metal Fabricating, n.e.c.**
809.380 BALANCING-MACHINE SET-UP MAN (any ind.)
81 **WELDING, FLAME CUTTING, AND RELATED WORK**
813. **Resistance Welding**
813.380 WELDER SET-UP MAN, RESISTANCE MACHINE (welding)
814. **Brazing, Braze Welding, and Soldering**
814.380 BRAZING-MACHINE SET-UP MAN (welding)
92 **PACKAGING AND MATERIALS HANDLING**
920. **Packaging**
920.280 PACKAGING-MACHINE ADJUSTER (food prep., n.e.c.)
PACKAGING-MACHINE MECHANIC (drug. prep. & rel. prod.)
920.380 FILLING-LINE SET-UP MAN (any ind.)
MACHINE SET-UP MAN (food prep., n.e.c.)
PACKAGING-MACHINE ADJUSTER (any ind.)
PACKING-MACHINE ADJUSTER (ammunition)
921. **Hoisting and Conveying**
921.280 RIGGER (any ind.) I1
93 **EXTRACTION OF MINERALS**
930. **Boring, Drilling, Cutting, and Related Work**
930.280 CABLE DRILLER (petrol. production)
95 **PRODUCTION AND DISTRIBUTION OF UTILITIES**
952. **Generation, Transmission, and Distribution of Electric Light and Power**
952.380 POWER-REACTOR OPERATOR (light, heat, & power)
953. **Production and Distribution of Gas**
953.380 GAS-PLANT OPERATOR (light, heat, & power)
WATER-GAS MAKER (light, heat, & power)
WATER-GAS MAKER, CARBURETED (light, heat, & power)
97 **GRAPHIC ART WORK**
979. **Graphic Art Work, n.e.c.**
979.380 PANTOGRAPH SETTER (print. & pub.)

SET UP AND ADJUSTMENT

.780

Work Performed

Work activities in this group primarily involve setting up and/or adjusting machines and equipment that are automatic or operated, tended, or fed by other workers. Involvement is usually with a battery of one kind of machine that performs one or a few functions. Activities are of a routine nature and are carried out according to standardized procedures.

Worker Requirements

An occupationally significant combination of: Manual and finger dexterity; spatial perception; the ability to understand and follow instructions and specifications; an interest in machinery; and an acceptance of responsibility for machines and materials.

Clues for Relating Applicants and Requirements

Success in machine shop courses in school.
Reading habits—magazines and other literature relating to mechanics.
Expressed preference for working in a machine shop or related environment.

Training and Methods of Entry

On-the-job training and advancement through jobs requiring lesser skills are common methods of entry into this type of work.

RELATED CLASSIFICATIONS

Set Up and/or All-Round Machine Operating (.280; .380) p. 430
Operating-Controlling (.782) p. 435
Driving-Operating (.883) p. 444
Tending (.885) p. 447

QUALIFICATIONS PROFILE

GED: 3
SVP: 3 4 5

Apt:	GVN	SPQ	KFM	EC
	3 4 4	3 4 4	3 3 3	5 5
	3 3	3	4 4 2	4 4

Int: 1 9
Temp: Y 0
Phys. Dem: L M 4 6

34 **AMUSEMENT AND RECREATION SERVICE**
349. **Amusement and Recreation Service, n.e.c.**
349.780 TICKET-DISPENSER MAN (amuse. & rec.)
50 **METAL PROCESSING**
505. **Metal Spraying, Coating, and Related**
505.780 COATER OPERATOR (any ind.)
51 **ORE REFINING AND FOUNDRY WORK**
518. **Molding, Coremaking, and Related Work**
518.780 SET-UP MAN, MOLDING-AND-COREMAKING MACHINES (found.)
52 **PROCESSING, FOODS AND RELATED PRODUCTS**
523. **Heating, Rendering, Melting, Drying, Cooling, Freezing, and Related Products**
523.780 COCOA-BEAN ROASTER (choc. & cocoa) II
529. **Processing, Foods and Related Products, n.e.c.**
529.780 KNIFE SETTER (sugar)
53 **PROCESSING, PAPER AND RELATED MATERIALS**
534. **Calendering, Sizing, Coating, and Related Work**
534.780 CARBON-PAPER-COATING-MACHINE SET-UP MAN (pen & pencil)
55 **PROCESSING, CHEMICALS AND RELATED PRODUCTS**
556. **Casting and Molding, n.e.c.**
556.780 MOLD SETTER (fabric. plastics prod.; phonograph)
559. **Processing, Chemicals and Related Products, n.e.c.**
559.780 PLATE CHANGER (phonograph)
61 **METALWORKING, N.E.C.**
613. **Sheet and Bar Rolling**
613.780 ROLL-TUBE SETTER (iron & steel)
616. **Fabricating Machine Work**
616.780 BODY-MAKER-MAINTENANCE MAN (tinware)
NAIL-MAKING-MACHINE SET-UP MAN (nail)
SHOTGUN-SHELL-ASSEMBLY-MACHINE ADJUSTER (ammunition)
SPADE-WINDING-MACHINE ADJUSTER (electronics)
STRAIGHT-LINE-PRESS SET-UP MAN (ammunition)
TRIM-MACHINE ADJUSTER (ammunition)
617. **Metal Forming, n.e.c.**
617.780 SET-UP MAN (iron & steel; ore dress., smelt., & refin.)
SET-UP MAN, KICK PRESS (button)
SWAGING-MACHINE ADJUSTER (ammunition)
62, 63 **MECHANICAL REPAIRING**
629. **Special Industry Machinery Repairing**
629.780 SIZER, MACHINE (optical goods)
630. **General Industry Machinery Repairing**
630.780 POLISHING-WHEEL MAKER (abrasive & polish prod.)
632. **Ordnance and Accessory Repairing**
632.780 GAGE-AND-WEIGH-MACHINE ADJUSTER (ammunition)
INSPECTING-MACHINE ADJUSTER (ammunition)
LOADING-MACHINE ADJUSTER (ammunition)
LOADING-UNIT TOOL-SETTER (ammunition)
PRIMER-INSERTING-MACHINE ADJUSTER (ammunition)
PRIMER-WATERPROOFING-MACHINE ADJUSTER (ammunition)
RIM-FIRE-PRIMING TOOL-SETTER (ammunition)
VARNISHING-UNIT TOOL-SETTER (ammunition)
64 **PAPERWORKING**
640. **Paper Cutting, Winding, and Related Work**
640.780 PANEL-MACHINE SET-UP MAN (paper goods)
641. **Folding, Creasing, Scoring, and Gluing**
641.780 ENVELOPE-MACHINE SET-UP MAN (paper goods)
649. **Paperworking, n.e.c.**
649.780 BOARD-MACHINE SET-UP MAN (wallboard)
MACHINE SET-UP MAN, PAPER GOODS (paper goods)
65 **PRINTING**
652. **Printing Machine Work**
652.780 DECORATING-EQUIPMENT SETTER (glass mfg.)
653. **Bookbinding and Related Work**
653.780 CASING-IN-LINE SET-UP MAN (print. & pub.)
FOLDING-MACHINE SET-UP MAN (print. & pub.)
GATHERING-MACHINE SET-UP MAN (print. & pub.)
653.780 PERFECT-BINDER SET-UP MAN (print. & pub.)
Con. STITCHING-MACHINE SET-UP MAN (print. & pub.)
66 **WOOD MACHINING**
667. **Sawing**
667.780 KNIFE SETTER (excelsior)
669. **Wood Machining, n.e.c.**
669.780 CHECKERING-MACHINE ADJUSTER (firearms)
68 **TEXTILE MACHINE WORK**
681. **Twisting, Beaming, Warping, and Related Work**
681.780 ROPE-MACHINE SET-UP MAN (cord. & twine)
683. **Weaving and Related Work**
683.780 HARNESS MAN, PLACING-IN (textile)
HEDDLES TIER, JACQUARD LOOM (narrow fabrics; textile)
685. **Knitting, Except Hosiery**
685.780 THREADER (knit goods)
689. **Textile Machine Work, n.e.c.**
689.780 EMBLEM DRAWER-IN (embroid.)
NEEDLE-LOOM-SET-UP MAN (felt goods)
69 **MACHINE WORK, N.E.C.**
690. **Plastics, Synthetics, Rubber, and Leather Working**
690.780 MACHINE SETTER (button)
RUBBER-GOODS CUTTER-FINISHER (rubber goods)
SPLITTER, HEAD (leather mfg.)
WAD-BLANKING-PRESS ADJUSTER (ammunition)
692. **Fabrication of Products from Assorted Materials**
692.780 ASSEMBLY-MACHINE SET-UP MAN (elec. equip.)
81 **WELDING, FLAME CUTTING, AND RELATED WORK**
814. **Brazing, Braze-Welding, and Soldering**
814.780 SET-UP MAN, INDUCTION HEATING (firearms)
92 **PACKAGING AND MATERIALS HANDLING**
920. **Packaging**
920.780 FILLING-MACHINE SET-UP MAN (food prep., n.e.c.)
LABELING-MACHINE SET-UP MAN (any ind.)

OPERATING—CONTROLLING

.782

Work Performed

Work activities in this group primarily involve setting up, starting, adjusting, watching, and stopping machines and equipment to fabricate or process materials and products. Typically, involvement is with one kind of machine and includes selecting and installing tools and holding devices; observing the functioning of the machine and making necessary adjustments to allow for such variables as temperature changes, flow of materials, and angles of cut; removing materials or products from the machine and verifying their accuracy with measuring devices and gages; and making minor repairs to machines. Specifications, such as blueprints and work orders, are used frequently.

Worker Requirements

An occuptionally significant combination of: Ability to understand the functional nature of machines and to visualize the relationship of parts; the ability to perceive differences in shapes, textures, and surfaces; manual and finger dexterity; the ability to coordinate movement of eyes, hands, and feet; and the intelligence to understand and follow written and oral instructions.

Clues for Relating Applicants and Requirements

Good eyesight and overall good physical condition.
Successful completion of machine shop course in high school.
Reading habits, such as an interest in machine trade publications.

Training and Methods of Entry

Apprenticeship programs are common means by which a worker enters this type of work. Experience as a machine tender or helper can also be significant when a worker has demonstrated increasing skill and a willingness to accept responsibility. Supervised on-the-job training and technical instruction are often provided and serve as excellent training for entry into this field and as a promotional pathway.

RELATED CLASSIFICATIONS

Set-Up and/or All-Round Machine Operating (.280; .380) p. 430
Motion Picture Projecting, Photographic Machine Work, and Related Activities (.282; .382) p. 514
Typesetting, Reproducing, and Related Machine Work (.382; .582) p. 274
Driving-Operating (.883) p. 444
Tending (.885) p. 447
Feeding-Offbearing (.886) p. 356
Set Up and Adjustment (.780) p. 433

QUALIFICATIONS PROFILE

GED: 3 4
SVP: 5 4 6 7

Apt:	GVN	SPQ	KFM	EC
	3 4 4	3 3 4	3 3 3	5 5
	4 3 3	4 4 5	4 4 4	4 4
		2 2		

Int: 9 1
Temp: Y 0
Phys. Dem: L M H 4

19 MISCELLANEOUS PROFESSIONAL, TECHNICAL, AND MANAGERIAL WORK

194. **Sound Recording, Transcribing, and Reproducing**
194.782 PLAY-BACK MAN (motion pic.; phonograph)
RECORDING-MACHINE OPERATOR (phonograph; radio & tv broad.)
VIDEOTAPE-RECORDING ENGINEER (radio & tv broad.)
TAPE DUPLICATOR (phonograph)

196. **Airplane Piloting and Navigating**
196.782 BALLOONIST, HOT AIR (profess. & kin.)

20 STENOGRAPHY, TYPING, FILING, AND RELATED WORK

207. **Duplicating-Machine Work**
207.782 DUPLICATING-MACHINE OPERATOR (clerical) II
DUPLICATING-MACHINE OPERATOR (clerical) III
COPY OPERATOR (r.r. trans.)
MIMEOGRAPH OPERATOR (clerical)
OFFSET-DUPLICATING-MACHINE OPERATOR (clerical)
TYPEWRITER OPERATOR, AUTOMATIC (clerical)

208. **Miscellaneous Office Machine Work**
208.782 EMBOSSING-MACHINE OPERATOR (clerical) I
EMBOSSING-MACHINE OPERATOR (clerical) II
TICKET-MACHINE OPERATOR (clerical)

21 COMPUTING AND ACCOUNT RECORDING

213. **Automatic Data Processing Work**
213.782 TABULATING-MACHINE OPERATOR (clerical)

36 APPAREL AND FURNISHINGS SERVICES

361. **Laundering Service**
361.782 RUG CLEANER, MACHINE (clean., dye., & press.)

362. **Dry Cleaning Service**
362.782 DRY CLEANER (clean., dye., & press.)
DRY-CLEANER APPRENTICE (clean., dye., & press.)

363. **Pressing Service**
363.782 ALL-AROUND PRESSER (clean., dye., & press.)
LEATHER FINISHER (clean., dye., & press.)
PRESSER, MACHINE (any ind.)

369. **Apparel and Furnishings Services, n.e.c.**
369.782 CLEANER AND PRESSER (clean., dye., & press.)
FUR IRONER (clean., dye., & press.) I

37 PROTECTIVE SERVICES

371. **Bridge Tending and Crossing Guard Services**
371.782 BRIDGE OPERATOR (r.r. trans.) I
BRIDGE OPERATOR (r.r. trans.) II

42 MISCELLANEOUS FARMING AND RELATED WORK

424. **Farm Machinery Operating, n.e.c.**
424.782 THRESHER (agric.)

43 FISHERY AND RELATED WORK

431. **Net, Seine, and Trap Fishing**
431.782 CLAM-DREDGE OPERATOR (fish.)

50 METAL PROCESSING

500. **Electroplating**
500.782 ELECTROGALVANIZING-MACHINE OPERATOR (electroplating; wire)
PLATER, BARREL (electroplating)
TIN RECOVERY MAN (electroplating)

501. **Dip Plating**
501.782 ANODIZER (any ind.)
COATING-MACHINE OPERATOR (galvanizing)
COLORING OPERATOR (spring)

502. **Melting, Pouring, Casting, and Related Work**
502.782 BULLET-CASTING OPERATOR (ammunition)
BULLET-SLUG-CASTING-MACHINE OPERATOR (ammunition)
CASTER (nonfer. metal alloys)
CASTING-MACHINE OPERATOR (nonfer. metal alloys)
CASTING-MACHINE OPERATOR, AUTOMATIC (elec. equip.)
CENTRIFUGAL-CASTING-MACHINE OPERATOR (jewelry)
DIE-CASTING-MACHINE OPERATOR (elec. equip.)
SHOT DROPPER (ammunition)

503. **Pickling, Cleaning, Degreasing, and Related Work**
503.782 COATER (bus. ser.)
PICKLER, CONTINUOUS PICKLING LINE (any ind.)

504. **Heat Treating**
504.782 HARDENER (clock & watch)
HEAT TREATER (heat treat.) I
HEAT TREATER (heat treat.) II
ANNEALER (heat treat.)
CASE HARDENER (heat treat.)
HARDENER (heat treat.)
HEAT-TREATING BLUER (heat treat.)
TEMPERER (heat treat.)
HEAT-TREATER APPRENTICE (heat treat.)

505. **Metal Spraying, Coating, and Related Work**
505.782 ALODIZE-MACHINE OPERATOR (nonfer. metal alloys)
COATER-MACHINE OPERATOR (tinware)
METAL-SPRAYING-MACHINE OPERATOR, AUTOMATIC (any ind.) I
METAL-SPRAYING-MACHINE OPERATOR, CRUCIBLE GUN (any ind.)
PASTING-MACHINE OPERATOR (elec. equip.)

509. **Metal Processing, n.e.c.**
509.782 APERTURE-MASK-PROCESSING-EQUIPMENT OPERATOR (electronics)
DENTAL-AMALGAM PROCESSOR (nonfer. metal alloys)
MIXER OPERATOR, HOT METAL (iron & steel)
ROLL COATER (struct. & ornam. metalwork)

51 ORE REFINING AND FOUNDRY WORK

511. **Separating, Filtering, and Related Work**
511.782 CLARIFIER OPERATOR (ore dress., smelt., & refin.)
CLASSIFIER OPERATOR (ore dress., smelt., & refin.)
CONTROL MAN (ore dress., smelt., & refin.)
COTTRELL OPERATOR (ore dress., smelt., & refin.)
CRYOLITE-RECOVERY OPERATOR (ore dress., smelt., & refin.)
DUST COLLECTOR, ORE CRUSHING (ore dress., smelt., & refin.)
LEACHER (ore dress., smelt., & refin.)
TUNGSTEN REFINER (ore dress., smelt., & refin.)

512. **Melting**
512.782 BESSEMER-CONVERTER BLOWER (iron & steel)
BESSEMER REGULATOR (iron & steel)
CUPOLA TENDER (found.)
FIRST HELPER (iron & steel)
FURNACE OPERATOR (found.; iron & steel)
FURNACE OPERATOR (nonfer. metal alloys; ore dress., smelt., & refin.)
OXYGEN-FURNACE OPERATOR (iron & steel)
PIG-MACHINE-OPERATOR (iron & steel)
STOVE TENDER (iron & steel)

513. **Roasting**
513.782 FIREMAN (ore dress., smelt., & refin.) I
KILNMAN (ore dress., smelt., & refin.)

514. **Pouring and Casting**
514.782 CASTING OPERATOR (nonfer. metal alloys)
CASTING-WHEEL OPERATOR (ore dress., smelt., & refin.)
CENTRIFUGAL-CASTING-MACHINE OPERATOR (found.) III
DIE-CASTING-MACHINE-OPERATOR (found.) I
PRESSMAN, CARBON BLOCKS (ore dress., smelt., & refin.)
VACUUM CASTER (found.)

515. **Crushing and Grinding**
515.782 GRINDING-MILL OPERATOR (mining & quarrying; ore dress., smelt., & refin.) I

518. **Molding, Coremaking, and Related Work**
518.782 MACHINE MOLDER (found.)

519. **Ore Refining and Foundry Work, n.e.c.**
519.782 RECOVERY OPERATOR (ore dress., smelt., & refin.)
TANK-HOUSE MAN (ore dress., smelt., & refin.)
NICKEL-PLANT OPERATOR (ore dress., smelt., & refin.)

52 PROCESSING, FOODS AND RELATED PRODUCTS

520. **Mixing, Compounding, Blending, Kneading, Shaping, and Related Work**
520.782 BLENDING-PLANT OPERATOR (oils & fats)
BULK-PLANT OPERATOR (sugar)
CENTER-MACHINE OPERATOR (confection.)
CISTERN-ROOM OPERATOR (distilled liquors)
CRACKER-AND-COOKY-MACHINE OPERATOR (bake. prod.)
CUBELET STATION OPERATOR (sugar)
DOUGH MIXER (bake. prod.)
520.782 DOUGH-MIXER OPERATOR (bake. prod.)
Con. DRY-STARCH OPERATOR (corn prod.)
EXTRUDER OPERATOR (cereal)
GUM-SCORING-MACHINE-OPERATOR (chew. gum)
MOLDING-MACHINE OPERATOR (confection.)
NOODLE PRESSMAN (macaroni & rel. prod.)
SPINNER (confection.)
WHIPPED-TOPPING FINISHER (oils & fats)

521. **Separating, Crushing, Milling, Chopping, Grinding, and Related Work**
521.782 BATTERY OPERATOR (sugar)
CENTRIFUGAL OPERATOR (corn prod.; sugar)
CHAR-FILTER OPERATOR (sugar)
COCOA-PRESS OPERATOR (choc. & cocoa)
FILTERMAN (corn prod.)
FLAKE MILLER, WHEAT AND OATS (cereal)
GERM-SEPARATOR MAN (corn prod.)
GRINDER OPERATOR (grain & feed mill.)
BURR-MILL OPERATOR (grain & feed mill.)
HULLERMAN (grain & feed mill.)
MILLER, WET PROCESS (corn prod.)
MILLMAN, DISTILLERY (distilled liquors)
REFINERY OPERATOR (corn prod.)
REFINERY OPERATOR, ASSISTANT (corn prod.)
REFINING MACHINE OPERATOR (choc. & cocoa)
SHRIMP-PEELING-MACHINE OPERATOR (can. & preserv.)
SILICA-FILTER OPERATOR (malt liquors)

522. **Culturing, Melting, Fermenting, Distilling, Saturating, Pickling, Aging, and Related Work**
522.782 COTTAGE-CHEESE MAKER (dairy prod.)
FERMENTATION OPERATOR (distilled liquors)
KETTLEMAN (malt liquors) II
LIQUOR BLENDER (distilled liquors)
MASHER (malt liquors)
MASH-TUB-COOKER OPERATOR (distilled liquors)
ORDERING-MACHINE OPERATOR (tobacco)
RECEIVER, FERMENTING CELLARS (malt liquors)
SMOKER (slaught. & meat pack.)
STILL OPERATOR (distilled liquors)
STILL OPERATOR (vinous liquors)
SUGAR BOILER (sugar)
YEAST DISTILLER (distilled liquors)

523. **Heating, Rendering, Melting, Drying, Cooling, Freezing, and Related Work**
523.782 CHOCOLATE TEMPERER (choc. & cocoa; confection.)
COCOA-BEAN ROASTER (choc. & cocoa) I
DEXTRINE MIXER (corn prod.)
DIFFUSER OPERATOR (sugar)
DRIER OPERATOR (dairy prod.)
DRIER OPERATOR (macaroni & rel. prod.)
DRUM DRIER (cereal)
FIREMAN, BONE-KILN, HEAD (corn prod.)
FIREMAN, MALT HOUSE (malt liquors)
GUNNER (cereal)
MAPLE-SIRUP MAKER (food prep., n.e.c.)
MELTER OPERATOR (sugar)
PERCOLATOR OPERATOR (cereal)
TOBACCO CURER (agric.)

524. **Coating, Icing, Decorating, and Related Work**
524.782 DEPOSITING-MACHINE OPERATOR (bake. prod.) I
ENROBING-MACHINE OPERATOR (confection.)
PANMAN (confection.)

526. **Cooking and Baking, n.e.c.**
526.782 BATTER-SCALER (bake. prod.)
CONCHE OPERATOR (choc. & cocoa)
CONFECTIONERY COOKER (chew. gum; confection.)
CONVERTER MAN (corn prod.)
COOK, DOG-AND-CAT FOOD (slaught. & meat pack.)
COOK, KETTLE (can. & preserv.; cereal; flav. ext. & sirup)
DOUGHNUT-MACHINE OPERATOR (bake. prod.)
MOLASSES AND CARAMEL OPERATOR (corn prod.)
OVENMAN (bake. prod.; cereal)
OVENMAN (malt liquors)
RETORT OPERATOR (can. & preserv.)
STEAM-OVEN OPERATOR (can. & preserv.)

529. **Processing, Food and Related Products, n.e.c.**

529.782 BUTTERMAKER (dairy prod.)
CARBONATION MAN (sugar)
CENTRIFUGE OPERATOR (chew. gum)
CHEESEMAKER HELPER (dairy prod.)
CHOCOLATE-PRODUCTION-MACHINE OPERATOR (choc. & cocoa)
DAIRY - PROCESSING - EQUIPMENT OPERATOR (dairy prod.)
DEPOSITING-MACHINE OPERATOR (confection.)
DRIER OPERATOR (choc. & cocoa)
DRY - STARCH OPERATOR, AUTOMATIC (corn prod.)
FLASH-DRIER OPERATOR (corn prod.)
FREEZER MAN (dairy prod.)
NOVELTY MAKER (dairy prod.) I
NOVELTY MAKER (dairy prod.) II
GELATIN-UTILITY MAN (glue)
HYDROGENATION OPERATOR (oils & fats)
IRISH MOSS OPERATOR (chem.)
LOZENGE MAKER (confection.)
SIRUP MAKER (choc. & cocoa)
SIRUP MIXER (corn prod.)

53 PROCESSING, PAPER AND RELATED MATERIALS

530. Grinding, Beating, and Mixing

530.782 BEATER ENGINEER (paper & pulp)
GRINDER MAN (paper & pulp)
GRINDER MAN, HARDBOARD (wallboard)
PULP GRINDER AND BLENDER (wallboard)

532. Cooking and Drying

532.782 DIGESTER OPERATOR (paper & pulp; wallboard)

533. Cooling, Bleaching, Screening, Washing, and Related Work

533.782 BLEACHER MAN, PULP (paper & pulp)
DECKER MAN (paper & pulp)
POWER BARKER OPERATOR (paper & pulp; sawmill)
PULP REFINER OPERATOR (paper & pulp)

534. Calendering, Sizing, Coating, and Related Work

534.782 AIR-DRIER-MACHINE TENDER (paper & pulp)
BACK TENDER, PAPER MACHINE (paper & pulp)
CARBON-COATER-MACHINE OPERATOR (pen & pencil)
COATING-MACHINE OPERATOR (paper & pulp; wallpaper)
COATING-MACHINE OPERATOR, HARDBOARD (paper & pulp)
COMBINER OPERATOR (paper & pulp; paper goods)
POLYETHYLENE COMBINER (paper goods)
PAPER-COATING-MACHINE OPERATOR (photo. apparatus)
STRAP-MACHINE OPERATOR (paper goods)
SUPERCALENDER OPERATOR (paper & pulp)
WAXING-MACHINE OPERATOR (paper goods)

535. Forming, n.e.c.

535.782 PRESSMAN, HARDBOARD (wallboard)
WAD-COMPRESSOR OPERATOR-ADJUSTER (ammunition)

539. Processing, Paper and Related Materials, n.e.c.

539.782 CALENDER OPERATOR, INSULATION BOARD (wallboard)
CYLINDER-MACHINE TENDER (paper & pulp; wallboard)
FOURDRINIER-MACHINE TENDER (paper & pulp; wallboard)
HIGH-DENSITY FINISHING OPERATOR (paper & pulp)
HUMIDIFIER OPERATOR (paper & pulp)
LINE TENDER, FLAKEBOARD (wallboard)
SLURRY MIXER (ammunition)
TREATING-PLANT OPERATOR (paper & pulp)

54 PROCESSING, PETROLEUM, AND RELATED PRODUCTS

540. Mixing and Blending

540.782 BLENDER (petrol. refin.)
ASPHALT BLENDER (petrol. refin.)
COMPOUNDER (petrol. refin.)
GREASE MAKER (petrol. refin.)

541. Filtering, Straining, and Separating

541.782 COAL WASHER (mining & quarrying)
CRUDE-OIL TREATER (petrol. production)
DESULFURIZER OPERATOR (coke prod.)
GAS WORKER (comp. & liquefied gases) I

541.782 Con. LEAD RECOVERY MAN, CONTINUOUS-NAPHTHA-TREATING PLANT (petrol. refin.)
PARAFFIN-PLANT OPERATOR (petrol. refin.)
PARAFFIN-PLANT-SWEATER MAN (petrol. refin.)
PUMPMAN, BYPRODUCTS (coke prod.)

542. Distilling, Subliming, and Carbonizing

542.782 CHARCOAL BURNER, BEEHIVE KILN (wood distil. & charc.)
FIREMAN (petrol. refin.)
HEATER (coke prod.)

543. Drying, Heating, and Melting

543.782 CARBON-FURNACE OPERATOR (ore dress., smelt., & refin.)
COKE BURNER (coke prod.)
DRIER OPERATOR (light, heat, & power)
DRIER OPERATOR (mining & quarrying; ore dress., smelt, & refin.)
OIL BOILER (artif. leather)
STILL OPERATOR (roof. materials)

544. Grinding and Crushing

544.782 COAL-PULVERIZER OPERATOR (any ind.)
CRUSHER-AND-BLENDER OPERATOR (coke prod.)
COKE-CRUSHER OPERATOR (coke prod.)
MILL-AND-COAL-TRANSPORT OPERATOR (light, heat, & power)

546. Reacting, n.e.c.

546.782 CONTROL MAN (petrol. refin.)

549. Processing, Petroleum and Related Products, n.e.c.

549.782 BRIQUETTE-MACHINE OPERATOR (fuel briquettes)
GAS MAN (petrol. production)
PUMPMAN (petrol. refin.) I
COOLING-TOWER OPERATOR (petrol. refin.)
WASH-OIL-PUMP OPERATOR (coke prod.)
STILLMAN HELPER (petrol. refin.)
TREATER (petrol. refin.)

55 PROCESSING, CHEMICALS AND RELATED PRODUCTS

550. Mixing and Blending

550.782 BANBURY-MIXER OPERATOR (any ind.)
BIAZZI-NITRATOR OPERATOR (explosives)
BLEACH-LIQUOR MAKER (paper & pulp)
CARTER OPERATOR (paint & varn.)
COLOR MAKER (artif. leather)
COLOR MAKER (coal tar prod.)
FROTHING MAN (rubber goods)
MIXER (paint & varn.)
MIXER OPERATOR (explosives)
NITRATOR OPERATOR (explosives)
OPERATOR, CATALYST CONCENTRATION (plastics mat.)
PRIMER-POWDER BLENDER, WET (ammunition)
PULP-MACHINE OPERATOR (paint & varn.)
PULVERIZING-AND-SIFTING OPERATOR (ammunition; explosives)
RESIN-KETTLE OPERATOR (glue)
ROOF-CEMENT-AND-PAINT MAKER (roof. materials)
SILVERMAN (mirror)
SIZE MAN (paper & pulp)
SOLUTIONS OPERATOR (plastics mat.)
TANNING-SOLUTION MAN (leather mfg.)
THIOKOL OPERATOR (plastics mat.)
WEIGHER-BULKER (chem.)

551. Filtering, Straining, and Separating

551.782 ABSORPTION OPERATOR (chem.; coal tar prod.)
BENZENE-WASHER OPERATOR (chem.; coke prod.)
FILTRATION OPERATOR, POLYETHYLENE CATALYST (chem.)
HYDRAULIC-STRAINER OPERATOR (plastics mat.)
MONOMER-PURIFICATION OPERATOR (chem.) I
PURIFICATION OPERATOR (chem.) I
WATER-GAS OPERATOR (comp. & liquefied gases)

552. Distilling

552.782 BATCH-STILL OPERATOR (chem.) II
CONTINUOUS-STILL OPERATOR (chem.)
ISOBUTYLENE-SEPARATION OPERATOR (chem.)
MONOMER-RECOVERY OPERATOR (plastics mat.)
DISTILLATION OPERATOR (coal tar prod.)
DISTILLER (wood distil. & charc.)
EXTRACTOR OPERATOR (wood distil. & charc.)

552.782 Con. OXYGEN-PLANT OPERATOR (comp. & liquefied gases)
PYRIDINE OPERATOR (coke prod.)
STILL OPERATOR, BATCH-OR-CONTINUOUS (chem.)
STRIPPER OPERATOR (chem.)

553. Heating, Baking, Seasoning, Melting, and Heat Treating

553.782 AGING FLOORMAN (plastics mat.)
AUTOCLAVE OPERATOR (chem.)
BELT-PRESS OPERATOR (rubber goods) I
BLACK-ASH-BURNER OPERATOR (paper & pulp)
BOILER (soap)
CARBON-ARC-FURNACE OPERATOR (minerals & earths)
CARBON REVIVIFIER (sugar)
CATALYST OPERATOR (oils & fats)
CUREMAN, FOAM RUBBER (rubber goods)
DRIER OPERATOR (chem.) II
EVAPORATOR MAN (wood distil. & charc.)
EVAPORATOR OPERATOR (any ind.)
EVAPORATOR OPERATOR (chem.; sugar)
EVAPORATOR OPERATOR (glue)
FLASH-DRIER OPERATOR (bone, carbon, & lampblack)
FURNACE OPERATOR (elec. equip.)
KETTLE OPERATOR, ADHESIVE (glue)
POT FIREMAN (chem.)
PURIFICATION OPERATOR (plastics mat.)
VARNISH MAKER (ink; paint & varn.)
V-BELT CUREMAN (rubber goods)

554. Coating, Calendering, Laminating, and Finishing

554.782 CALENDER-LET-OFF MAN (rubber goods; rubber tire & tube)
CALENDER OPERATOR (rubber goods; rubber tire & tube)
CALENDER OPERATOR, FOUR-ROLL (fabric. plastics prod.; rubber goods; rubber tire & tube)
COATER (drug. prep. & rel. prod.)
HOSE MAKER, MACHINE (rubber goods)
PLASTICS - SPREADING - MACHINE OPERATOR (plastics mat.)
ROLL OPERATOR (plastics mat.)
ROOFING-MACHINE OPERATOR (roof. materials)
SPONGE-RANGE OPERATOR (carpet & rug)

555. Grinding and Crushing

555.782 DRY-WHITE-LEAD GRINDER (paint & varn.)
MILLER (salt production)
PALLMAN-MILL OPERATOR (rubber goods)
ROLLER-MILL OPERATOR (ink; paint & varn.)
STONE-MILL OPERATOR (paint & varn.)
WHITE-LEAD MAKER (paint & varn.)

556. Casting and Molding, n.e.c.

556.782 ARCH - CUSHION - PRESS OPERATOR (rubber goods)
COMPRESSION - MOLDING - MACHINE OPERATOR (fabric. plastics prod.)
COMPRESSOR (drug. prep. & rel. prod.; salt production)
DYNAMITE-PACKING-MACHINE OPERATOR (explosives)
GELATIN - DYNAMITE - PACKING OPERATOR (explosives)
INJECTION - MOLDING - MACHINE OPERATOR (fabric. plastics prod.)
PLATE MOLDER (pen & pencil; print. & pub.)
PLODDERMAN (soap)
PREFORM-MACHINE OPERATOR (button)

557. Extruding

557.782 EXTRUDER OPERATOR (fabric. plastics prod.; plastics mat.)
EXTRUSION-PRESS SET-UP MAN (elec. equip.)
GRAINING-PRESS OPERATOR (explosives)
WINK-CUTTER OPERATOR (rubber goods)

558. Reacting, n.e.c.

558.782 ACID EXTRACTOR (coke prod.)
BURNER OPERATOR (chem.)
CATALYTIC-CONVERTER OPERATOR (chem.)
HYDROREACTION OPERATOR (chem.)
OXIDATION OPERATOR (chem.; explosives)
SYNTHESIS OPERATOR (chem.)
CAUSTICISER (paper & pulp)
CAUSTICISER MAN (chem.)
CD-REACTOR OPERATOR, HEAD (chem.)
CELL TENDER (chem.)

558.782 Chlorinator Operator (chem.)
Con. Bleach Chlorinator (chem.)
Converter Operator (comp. & liquefied gases)
Cracking-Unit Operator (plastics mat.)
Cuprous-Chloride Operator (chem.)
Dissolver Operator (chem.) I
Fermentation Operator (chem.)
Furnace Operator (chem.)
Kettleman (chem.)
Kettle Operator (plastics mat.) I
Polymerization-Kettle Operator (plastics mat.)
Saturator Man (chem.; coke prod.)
Towerman (chem.)
Wet-Mix Operator (chem.)

559. Processing, Chemicals and Related Products, n.e.c.

559.782 Acid Maker (paper & pulp)
Alum-Plant Operator (chem.)
Carbon-Dioxide Operator (comp. & liquefied gases) I
Casting-and-Curing Operator (chem.)
Catalyst Operator, Gasoline (chem.; petrol. refin.)
Chemical Compounder (coal tar prod.)
Chemical Operator (chem.) III
Acid-Plant Operator (chem.)
Alkylation Operator (chem.; petrol. refin.)
Calciner Operator (chem.) I
Chemical Plant Operator (chem.)
Cresylate Operator (chem.) II
Isobutylene-Extraction Operator (chem.)
Lanolin-Plant Operator (drug. prep. & rel. prod.)
Operator Gas, Odorants (chem.)
Polymer Operator (synthetic fibers)
Sulfide Operator (chem.)
Sulfonator (tan. mat. & rel. prod.)
Coagulation Operator (plastics mat.)
Composition Roll Maker and Cutter (rubber goods)
Drier Operator (plastics mat.) I
Film-Casting Operator (plastics mat.)
Filterman (plastics mat.; synthetic fibers)
Finishing-Area Operator (plastics mat.)
Finishing-Mill Operator (plastics mat.)
Flusher (coal tar prod.)
Glue Maker, Bone (glue)
Granulator-Machine Operator (drug. prep. & rel. prod.)
Hydrogen-Generator Operator (comp. & liquefied gases)
Hydrogen Operator (comp. & liquefied gases)
Lacquer Man (paint & varn.)
Latex-Ribbon-Machine Operator (rubber goods)
Linseed-Oil Refiner (oils & fats)
Liquefaction-Plant Operator (comp. & liquefied gases)
Make-Up Man (chem.)
MVA-Reactor Operator, Head (chem.)
Naphtha-Washing-System Operator (plastics mat.)
Nitrogen Operator (comp. & liquefied gases)
Pharmaceutical Operator, Senior (drug. prep. & rel. prod.)
Pilot-Control Operator (chem.; plastics mat.)
Pilot Operator (plastics mat.)
Plant Operator, Furnace Process (bone, carbon, & lampblack)
Putty Tinter-Maker (paint & varn.)
Roll Tender (glue)
Rubber-Mill Operator (plastics mat.) I
Shredding Floorman (plastics mat.)
Soap Maker (soap)
Soda-Room Man (malt liquors)
Specialties Operator (chem.)
Sponge-Press Operator (rubber goods)
Sterile-Products Processor (drug. prep. & rel. prod.)
Pharmaceutical Operator, Service (drug. prep. & rel. prod.)
Stillman, Ammonia (coke prod.)

559.782 Stretch Machine Operator (fabric. plastics prod.)
Con.
Strong-Nitric Operator (explosives)
Towerman (soap)
Utility Operator (chem.)
Wash Operator (bone, carbon, & lampblack)
Waste-Treatment Operator (chem.)

56 PROCESSING, WOOD AND WOOD PRODUCTS

561. Wood Preserving and Related Work

561.782 Incising-Machine Operator (wood preserving)
Treating Engineer (wood preserving)

562. Saturating and Related Work, n.e.c.

562.782 Whiting-Machine Operator (mirror & pic. frames)

563. Drying, Seasoning, and Related Work

563.782 Drier Operator (particle board)

569. Processing, Wood and Wood Products, n.e.c.

569.782 Miller, Wood Flour (woodworking)

57 PROCESSING, NONMETALLIC MINERALS AND RELATED PRODUCTS

570. Crushing, Grinding, and Mixing

570.782 Abrasive Grader (optical goods)
Bulk Station Operator (petrol. production)
Central-Batch-Plant Operator (conc. prod.; const.)
Clay Maker (brick & tile; pottery & porc.)
Millman (brick & tile; pottery & porc.)
Mixer Man, Plaster (wallboard)
Supply Man (wallboard)

572. Melting

572.782 Batch-and-Furnace Man (glass mfg.)
Tank-and-Batch Operator (glass mfg.)
Tank-Furnace Operator (glass mfg.)

573. Baking, Drying, and Heat Treating

573.782 Drying-Tunnel Man (brick & tile)
Fireman, Kiln (pottery & porc.)
Decorating-Kiln Man (pottery & porc.)
Fireman, Bisque Kiln (pottery & porc.)
Fireman, Glost Kiln (pottery & porc.)
Fireman, Round Kiln (pottery & porc.)
Fireman, Tunnel Kiln (pottery & porc.)
Kiln Burner (brick & tile)
Lime-Kiln Operator (lime)
Rotary Kiln Operator (cement; chem.)
Tunnel-Kiln Operator (brick & tile)

574. Impregnating, Coating, and Glazing

574.782 Abrasive - Coating - Machine Operator (abrasive & polish. prod.)
Austschuder-Machine Operator (glass prod.)
Set-Up Man, Baking-and-Coating Equipment (electronics)
Spray-Machine Operator (pottery & porc.)

575. Forming

575.782 Bottle-Machine Operator (glass mfg.) I
Brick-and-Tile-Making-Machine Operator (brick & tile)
Drawing-Kiln Operator (glass mfg.)
Dry-Press Operator (brick & tile)
Fiber-Glass-Dowel-Drawing-Machine Operator (fabric. plastics prod.)
Glass-Rolling-Machine Operator (glass mfg.)
Molding-Machine Operator (sports equip.)
Mold-Press Operator, Automatic (glass mfg.)
Pressman (brick & tile) I
Pressman (brick & tile) II
Ram-Press Operator (pottery & porc.)
Retort-or-Condenser Pressman (brick & tile)
Yardage Controlman (glass mfg.)

579. Processing, Nonmetallic Minerals and Related Products, n.e.c.

579.782 Calciner, Gypsum (wallboard)
Cupola Operator, Insulation (wallboard)
Knifeman (wallboard)
Mat-Machine Operator (wallboard)
Mixer, Wet Pour (conc. prod.)
Sand Mixer, Machine (found.)

58 PROCESSING, LEATHER AND TEXTILES

580. Shaping, Blocking, Stretching, and Tentering

580.782 Fixer, Boarding Room (hosiery)
Weft Straightener (textile)

581. Separating, Filtering, and Drying

581.782 Dryer-and-Rewinder Operator (fiber rugs)

582. Washing, Steaming, and Saturating

582.782 Delimer (leather mfg.)
Drum Printer (textile)
Dye-Range Operator, Cloth (textile)
Spiral-Dye-Beck Tender (textile)
Finishing-Machine Operator (narrow fabrics)
Pickler (leather mfg.)
Slasher Tender (textile)
Warp-Spool Slasher (narrow fabrics)
Tanning-Drum Operator (leather mfg.)
Colorer, Hides and Skins (leather mfg.)

583. Ironing, Pressing, Glazing, Staking, Calendering, and Embossing

583.782 Coating-and-Embossing-Unit Operator (felt goods; textile)
Embossing-Press Operator (artif. leather)

584. Mercerizing, Coating, and Laminating

584.782 Coater (textile)
Coating-Machine Operator (artif. leather)
Coating-Machine Operator (fiber rugs)

586. Felting and Fulling

586.782 Felting-Machine Operator (felt goods)
Fuller (textile)
Fulling-Machine Operator (felt goods)

587. Brushing and Shrinking

587.782 Autoclave Operator (textile)

589. Processing, Leather and Textiles., n.e.c.

589.782 Cloth-Finishing-Range Operator, Chief (textile)
Scouring-Train Operator (carpet & rug; textile)

59 PROCESSING, N.E.C.

590. Processing, Assorted Materials

590.782 Calender Operator (linoleum)
Coater, Asphalt (roof. materials)
Controls Operator, Molded Goods (linoleum)
Fastener-Automation-Machine Operator (needle, pin, & rel. prod.)
Forming-Process Man (elec. equip.)
Impregnating-Machine Operator (wirework)
Impregnator (electronics)
Mechanical Oxidizer (linoleum)
Operator, Automated Process (electronics)
Roller Boss (wallboard)
Stove-Carriage Operator (linoleum)

599. Miscellaneous Processing, n.e.c.

599.782 Cathode-Coater Operator (electronics)
Impregnator and Drier (elec. equip.)
Paint-Sprayer Operator, Automatic (any ind.)

60 METAL MACHINING

601. Toolmaking and Related Work

601.782 Knife Grinder (woodworking)
Profile-Grinder Technician (clock & watch)
Tool Dresser (any ind.)

602. Gear Machining

602.782 Gear-Generator Set-Up Operator, Spiral Bevel (mach. shop)
Gear-Generator Set-Up Operator, Straight Bevel (mach. shop)
Gear Hobber Set-Up Operator (mach. shop)
Gear-Lapping-Machine Operator (mach. shop)
Gear-Milling-Machine Set-Up Operator (mach. shop)
Gear-Shaper Set-Up Operator (mach. shop)
Gear-Shaver Set-Up Operator (mach. shop)
Grinder, Gear (mach. shop)
Grinder Set-Up Operator, Gear, Tool (mach. shop)

603. Abrading

603.782 Barrel Polisher, Inside (firearms)
Buffing-Machine Operator (any ind.)
Buffing-Machine Operator, Silverware (silverware)
Contact-Lens-Mold Finisher (optical goods)
Deburrer, Strip (clock & watch)
Grinder (clock & watch) I
Grinder Set-Up Operator, Centerless (mach. shop)
Grinder Set-Up Operator, External (mach. shop)

603.782 Con. GRINDER SET-UP OPERATOR, INTERNAL (mach. shop)
GRINDER SET-UP OPERATOR, SURFACE (mach. shop)
BLANCHARD-GRINDER SET-UP OPERATOR (mach. shop)
HONING-MACHINE OPERATOR, PRODUCTION (mach. shop)
HONING-MACHINE SET-UP OPERATOR (mach. shop)
HONING-MACHINE SET-UP OPERATOR, TOOL (mach. shop)
LAPPING-MACHINE SET-UP OPERATOR (mach. shop)
LINTER-SAW SHARPENER (oils & fats)
MIRROR-FINISHING-MACHINE OPERATOR (silverware)
NICKING-MACHINE OPERATOR (cut. tools)
POLISHING-MACHINE OPERATOR (any ind.)
PRINTING-ROLLER POLISHER (print. & pub.)

604. Turning

604.782 FOX-LATHE OPERATOR (clock & watch)
PROFILER, BALANCE-WHEEL INSIDE DIAMETER (clock & watch)
SCREW-MACHINE OPERATOR, MULTIPLE SPINDLE, JOBBING (mach. shop)
SCREW-MACHINE OPERATOR, SINGLE SPINDLE, JOBBING (mach. shop)
SCREW MACHINE SET-UP OPERATOR, PRODUCTION (mach. shop)
THREADING-MACHINE OPERATOR (mach. shop)
TURNER, AUTOMATIC LATHE (clock & watch)

605. Milling and Planing

605.782 BARREL-RIB MATTER (firearms)
BROACHING-MACHINE OPERATOR, PRODUCTION (mach. shop)
BROACHING-MACHINE SET-UP OPERATOR (mach. shop)
ENGRAVER, TIRE MOLD (mach. shop)
KEYSEATING-MACHINE SET-UP OPERATOR (mach. shop)
MILLING-MACHINE SET-UP OPERATOR (mach. shop)
SCALPER OPERATOR (nonfer. metal alloys)
THREAD-MILLING-MACHINE SET-UP OPERATOR (mach. shop)
PANTOGRAPH-MACHINE SET-UP OPERATOR (mach. shop)
PLANER SET-UP OPERATOR, TOOL (mach. shop)
PROFILING-MACHINE SET-UP OPERATOR (mach. shop)
ROUTER OPERATOR (aircraft mfg.)
ROUTER OPERATOR, RADIAL (aircraft mfg.)
SHAPER SET-UP OPERATOR, TOOL (mach. shop)
STEEL-WOOL-MACHINE OPERATOR, AUTOMATIC (abrasive & polish. prod.)
TOOTH CUTTER, ESCAPE WHEEL (clock & watch)
WHEEL CUTTER (clock & watch)

606. Boring

606.782 BORING-MACHINE OPERATOR (mach. shop)
CONNECTING-ROD BORER (auto. ser.)
DRILLER-AND-REAMER, AUTOMATIC (musical inst.)
DRILL-PRESS OPERATOR, PRODUCTION (mach. shop)
DRILL-PRESS OPERATOR, TAPE CONTROL (mach. shop)
DRILL-PRESS SET-UP OPERATOR, SINGLE SPINDLE (mach. shop)
JIG BORER, TAPE CONTROL (mach. shop)
MAIN-BEARING BORER (auto. ser.)
TAPPER OPERATOR (nut & bolt)

607. Sawing

607.782 CUT-OFF-SAW OPERATOR, METAL (mach. shop)
DO-ALL-SAW Operator (mach. shop)
PROFILE TRIMMER (silverware)
SAW OPERATOR (aircraft mfg.)

609. Metal Machining, n.e.c.

609.782 AUTOMATIC-WHEEL-LINE OPERATOR (mach. shop)
BALANCING-MACHINE OPERATOR (any ind.)
COLLET MAKER (clock & watch)
CROOK OPERATOR (musical inst.)
ELECTRICAL-DISCHARGE-MACHINE OPERATOR, PRODUCTION (mach. shop)
ELECTRICAL-DISCHARGE-MACHINE SET-UP OPERATOR (mach. shop)

609.782 Con. GRINDER SET-UP OPERATOR, THREAD (mach. shop)
MACHINE OPERATOR, CENTRIFUGAL-CONTROL SWITCHES (elec. equip.)
MULTI-PURPOSE MACHINE OPERATOR, TAPE CONTROL (mach. shop)
SCREWMAKER, AUTOMATIC (clock & watch)
STRAIGHT-PIN-MAKING-MACHINE OPERATOR (needle, pin, & rel. prod.)
TAPE-CONTROL MACHINE OPERATOR (mach. shop)

61 METALWORKING, N.E.C.

610. Hammer Forging

610.782 DROP-HAMMER OPERATOR (forging)
IMPACT-HAMMER OPERATOR (forging)

611. Press Forging

611.782 FORGING-PRESS OPERATOR (forging) I
ROLLER-MACHINE OPERATOR (spring)
STEEL-SHOT-HEADER OPERATOR (ammunition)
UPSETTER (forging)

612. Forging, n.e.c.

612.782 BOLT MACHINE OPERATOR, AUTOMATIC (nut & bolt)
BUCKSHOT-SWAGE OPERATOR (ammunition)
FORGING-ROLL OPERATOR (forging)
HEADER-MACHINE OPERATOR (forging)
MANIPULATOR OPERATOR (forging)
NUT FORMER (nut & bolt)
SPIKE-MACHINE OPERATOR (nail)

613. Sheet and Bar Rolling

613.782 COILER OPERATOR (iron & steel)
COLD-MILL OPERATOR (iron & steel)
FINISHER (iron & steel)
FURNACE OPERATOR (nonfer. metal alloys)
HEATER (iron & steel)
MANIPULATOR (iron & steel)
MILL OPERATOR, ROLLS (any ind.)
PIERCING-MACHINE OPERATOR (nonfer. metal alloys)
REELING-MACHINE OPERATOR (iron & steel)
ROLLER (jewelry)
ROLLER, PRIMARY MILL (iron & steel)
ROLLING ATTENDANT (iron & steel)
ROLLING-MILL OPERATOR (nonfer. metal alloys)
ROUGHER (iron & steel)
ROUGHER OPERATOR (iron & steel)
SCREWDOWN OPERATOR (iron & steel)
SPEED OPERATOR (iron & steel)
STRAIGHTENING-ROLL OPERATOR (any ind.)
STRIP ROLLER (spring)
TABLE OPERATOR (iron & steel; nonfer. metal alloys)

614. Extruding and Drawing

614.782 DRAW-BENCH OPERATOR (any ind.)
DRAW-BENCH OPERATOR (iron & steel; nonfer. metal alloys) I
EXTRUDER OPERATOR (forging)
EXTRUSION-PRESS OPERATOR (elec. equip.) I
FANCY-WIRE DRAWER (jewelry) II
LEAD-PRESS OPERATOR (rubber goods)
TUBE DRAWER (iron & steel; nonfer. metal alloys)
WIRE DRAWER (clock & watch)
WIRE DRAWER (wire)

615. Punching and Shearing

615.782 BURRING-MACHINE OPERATOR (nut & bolt)
DUPLICATOR-PUNCH OPERATOR (any ind.)
FLYING-SHEAR OPERATOR (iron & steel)
IRONWORKER-MACHINE OPERATOR (any ind.)
PUNCH-PRESS OPERATOR (any ind.) I
HOOP-PUNCH OPERATOR (cooperage)
PUNCH-PRESS OPERATOR, AUTOMATIC (any ind.)
PUNCH-PRESS OPERATOR (any ind.) III
ROTARY-SHEAR OPERATOR (any ind.)
SHEAR OPERATOR (any ind.) I
ANGLE-SHEAR OPERATOR (any ind.)
SHEAR OPERATOR, AUTOMATIC (any ind.) I
SLITTING-MACHINE OPERATOR (any ind.)
TURRET-PUNCH-PRESS OPERATOR (any ind.)

616. Fabricating Machine Work

616.782 ARBOR-PRESS OPERATOR (any ind.) I
TRACK REPAIRMAN (const.)
BALE-TIE-MACHINE OPERATOR (wirework)
BARBED-WIRE-MACHINE OPERATOR (wirework)
CAGE MAKER, MACHINE (conc. prod.)
CRIMPING-MACHINE OPERATOR (any ind.)

616.782 Con. FABRIC-MACHINE OPERATOR (matt. & bedspring) I
FENCE-MAKING MACHINE OPERATOR (wirework)
KICK-PRESS OPERATOR (any ind.) I
NAIL-ASSEMBLY-MACHINE OPERATOR (nail)
SAFETY-PIN-ASSEMBLING-MACHINE OPERATOR (needle, pin, & rel. prod.)
STRANDING-MACHINE OPERATOR (elec. equip.; insulated wire; wirework)
WIRE WEAVER, CLOTH (wirework)

617. Metal Forming, n.e.c.

617.782 BARREL-DE-DENTING-MACHINE OPERATOR (malt liquors)
BENDING-MACHINE OPERATOR (any ind.) I
BUMPER OPERATOR (aircraft mfg.)
EMBOSSING-MACHINE OPERATOR (nonfer. metal alloys)
FORMING-ROLL OPERATOR (any ind.) I
BEADING-MACHINE OPERATOR (any ind.) I
FORMING-ROLL OPERATOR, HEAVY DUTY (any ind.)
HOBBING-PRESS OPERATOR (any ind.)
ROLL-FORMING-MACHINE OPERATOR (any ind.) I
SPRING FORMER, MACHINE (spring)
STRAIGHTENING-PRESS OPERATOR (any ind.)
TUBE BENDER, BRASS-WIND INSTRUMENTS (musical inst.)

619. Miscellaneous Metalworking, n.e.c.

619.782 BELL SPINNER (musical inst.)
BULLET-GROOVING-SIZING-AND-LUBRICATING-MACHINE OPERATOR (ammunition)
COUPLING-MACHINE OPERATOR (iron & steel)
FISHING ACCESSORIES MAKER (sports equip.)
FITTINGS FINISHER (plumb. supplies)
FOUR-SLIDE-MACHINE OPERATOR (any ind.) I
HEATER (forging)
HOOP BENDER, TANK (cooperage)
HOOP-FLARING-AND-COILING-MACHINE OPERATOR (cooperage)
HOOP MAKER, MACHINE (cooperage)
HYDRAULIC-PRESSURE-AUTO-FRETTAGE-MACHINE OPERATOR (firearms)
LATHE WINDER (spring)
ROLL OPERATOR (any ind.) I
ANGLE-ROLL OPERATOR (any ind.)
FLANGING-ROLL OPERATOR (any ind.)
ROLL OPERATOR, SHEET METAL (any ind.)
ROLL-THREADER OPERATOR (nut & bolt)
SAMPLER, FIRST (ore dress., smelt., & refin.)
SEAMLESS-TUBE ROLLER (iron & steel)
SHRINK-PIT OPERATOR (firearms)
SPINNER (jewelry)
SPINNER, HAND (any ind.)
SPINNER, HYDRAULIC (any ind.)
STRETCHER-LEVELER OPERATOR (nonfer. metal alloys)
TRIMMER OPERATOR (nut & bolt)
TYPE-ROLLING-MACHINE OPERATOR (typewriters & parts)

62, 63 MECHANICAL REPAIRING

620. Motorized Vehicle and Engineering Equipment Repairing

620.782 BRAKE-DRUM-LATHE OPERATOR (auto. ser.)

622. Rail Equipment Repairing

622.782 TRIPLE-AIR-VALVE TESTER (loco. & car bldg. & rep.)

628. Textile Machinery and Equipment Repairing

628.782 FLAT CLOTHIER (textile)
ROLLER COVERER (textile)
SHEAR-GRINDER OPERATOR (textile)

629. Special Industry Machinery Repairing

629.782 LABORATORY HELPER (mach. mfg.)
ROLL GRINDER (rubber reclaim.)

630. General Industry Machinery Repairing

630.782 BENCH HAND (engine & turbine)

64 PAPERWORKING

640. Paper Cutting, Winding, and Related Work

640.782 CONVOLUTE-TUBE WINDER (paper goods)
SLITTER-SCORER-CUT-OFF OPERATOR (paper goods)
SPIRAL-TUBE WINDER (paper & pulp; paper goods)
WINDER MAN, PAPER MACHINE (paper & pulp

641. Folding, Creasing, Scoring, and Gluing Work

641.782 EMBOSSOGRAPH OPERATOR (any ind.)

641.782 NEW-ERA-UNIT OPERATOR (print. & pub.)
Con. PLATEN-PRESS OPERATOR (paper goods)
SHELL-MACHINE OPERATOR (explosives)
SLITTER-CREASER-SLOTTER OPERATOR (paper goods)
TUBE-MACHINE OPERATOR (paper goods)
643. **Paper Corrugating**
643.782 CORRUGATOR OPERATOR (paper goods)
649. **Paperworking, n.e.c.**
649.782 CUTTING-AND-CREASING PRESSMAN (paper goods)
CUTTING-MACHINE OPERATOR (print. & pub.)
DRILL-PRESS OPERATOR, ACOUSTICAL TILE (wallboard)
EMBOSSER OPERATOR (paper goods; plastics mat.; wallpaper)
PARTITION-ASSEMBLY-MACHINE OPERATOR (any ind.)
SIZING-MACHINE OPERATOR (ammunition)
65 **PRINTING**
650. **Typesetting and Composing**
650.782 PHOTOCOMPOSING-MACHINE OPERATOR (print. & pub.)
651. **Printing Press Work**
651.782 CYLINDER PRESSMAN (print. & pub.)
FLEXOGRAPHIC PRESSMAN (print. & pub.)
CYLINDER-PRESSMAN APPRENTICE (print. & pub.)
ENGRAVING-PRESS OPERATOR (print. & pub.)
FLEXOGRAPHIC PRESSMAN (print. & pub.) I
LITHOGRAPHIC-PROOFER APPRENTICE (print. & pub.)
OFFSET-DUPLICATING-MACHINE OPERATOR (print. & pub.)
OFFSET PRESSMAN (print. & pub.)
OFFSET-PRESSMAN APPRENTICE (print. & pub.)
PLATEN PRESSMAN (print. & pub.)
PLATEN-PRESSMAN APPRENTICE (print. & pub.)
PRINTER-SLOTTER OPERATOR (paper goods)
PRINTING-PRESS OPERATOR (bal. & scales)
PROOF-PRESS MAN (print. & pub.)
LITHOGRAPHIC PROOFER (print. & pub.)
OFFSET-PROOF-PRESS OPERATOR (print. & pub.)
ROTOGRAVURE-PRESSMAN (print. & pub.)
STEEL-DIE PRINTER (print. & pub.)
STRIPER MAN (paper goods)
TAB-CARD-PRESS OPERATOR (print. & pub.)
TRANSFER OPERATOR (print. & pub.)
WEB-PRESS MAN (print. & pub.)
WEB-PRESS-MAN APPRENTICE (print. & pub.)
652. **Printing Machine Work**
652.782 BOX PRINTER (any ind.)
CLOTH PRINTER (any ind.)
PLISSE'-MACHINE OPERATOR (textile)
GLOVE PRINTER (glove & mit.)
LITHOGRAPH-PRESS MAN, TINWARE (tinware)
MARKER (firearms)
PRESSMAN (fabric. plastics prod.) I
PRINTING-MACHINE OPERATOR, TAPE RULES (cut. tools)
RUBBER-PRINTING-MACHINE OPERATOR (rubber goods)
SCREEN-PRINTING-MACHINE OPERATOR (textile)
SQUEEGEE-MACHINE OPERATOR, AUTOMATIC (glass mfg.)
STRIPING-MACHINE OPERATOR (insulated wire)
TIP PRINTER (hat & cap)
WALLPAPER PRINTER (wallpaper) I
653. **Bookbinding and Related Work**
653.782 COVERING-MACHINE OPERATOR (print. & pub.)
FOLDING-MACHINE OPERATOR (print. & pub.)
HEAD-BANDER-AND-LINER OPERATOR (print. & pub.)
SADDLE-STITCHING-MACHINE OPERATOR (print. & pub.)
SIDE-STITCHING-MACHINE OPERATOR (print. & pub.)
654. **Typecasting and Related Work**
654.782 CASTING-MACHINE OPERATOR (print. & pub.; type founding)
LUDLOW-MACHINE OPERATOR (print. & pub.)
659. **Printing, n.e.c.**
659.782 COMMODITY-PLATE-EQUIPMENT OPERATOR (bal. & scales)
CUT-AND-PRINT-MACHINE OPERATOR (ammunition)
659.782 EMBOSSER (print. & pub.) I
Con. EMBOSSING-PRESS OPERATOR (print. & pub.)
EMBOSSING-PRESS-OPERATOR APPRENTICE (print. & pub.)
RULING-MACHINE OPERATOR (paper & pulp; print. & pub.)
SIGN WRITER, MACHINE (any ind.)
TRANSFER-MACHINE OPERATOR (hosiery)
66 **WOOD MACHINING**
662. **Sanding**
662.782 MOLDING SANDER (woodworking)
MULTIPLE-DRUM SANDER (woodworking)
STROKE-BELT-SANDER Operator (woodworking)
663. **Shearing and Shaving**
663.782 POLE-PEELING-MACHINE OPERATOR (sawmill; wood preserving)
VENEER-LATHE OPERATOR (basketry; veneer & plywood)
BACK-ROLL-LATHE OPERATOR (basketry; wood. box)
VENEER-SLICING-MACHINE OPERATOR (veneer & plywood)
WOOD-CARVING-MACHINE OPERATOR (woodworking)
664. **Turning**
664.782 BARREL-LATHE OPERATOR, INSIDE (cooperage)
BARREL-LATHE OPERATOR, OUTSIDE (cooperage)
BOWL TURNER (smoking pipe)
SKIVING MACHINE OPERATOR (firearms)
SPAR-MACHINE OPERATOR (wood preserving)
SWING-TYPE-LATHE OPERATOR (woodworking)
WOOD-TURNING-LATHE OPERATOR (woodworking)
665. **Milling and Planing**
665.782 CHUCKING-MACHINE OPERATOR (woodworking)
DADO OPERATOR (woodworking)
DOWEL-MACHINE OPERATOR (woodworking) I
HEADERMAN (wood preserving)
MORTISING-MACHINE Operator (woodworking)
LOUVER-MORTISER OPERATOR (plan. mill)
RAFTER-CUTTING-MACHINE OPERATOR (plan. mill)
ROUTER OPERATOR (woodworking)
LOCK-CORNER-MACHINE OPERATOR (woodworking)
SHAPER OPERATOR (woodworking)
PANEL-RAISER OPERATOR (plan. mill)
TIMBER-SIZER OPERATOR (plan. mill)
VENEER JOINTER (veneer & plywood)
666. **Boring**
666.782 BORING-MACHINE OPERATOR (woodworking)
BUNGHOLE BORER (cooperage)
DRILLER AND PLUGGER (sports equip.)
DOUBLE-END-TRIMMER-AND-BORING-MACHINE OPERATOR (furn.)
PREFITTER, DOORS (woodworking)
PULLEY-MORTISER OPERATOR (plan. mill)
667. **Sawing**
667.782 BAND-SCROLL-SAW OPERATOR (woodworking)
BOTTOM-SAW OPERATOR (sawmill)
CASEY-SAW OPERATOR (plan. mill)
CHUCKING-AND-SAWING-MACHINE OPERATOR (woodworking)
CORNER-BRACE-BLOCK-MACHINE OPERATOR (furn.)
CORNER-TRIMMER OPERATOR (wood. box)
CROZE-MACHINE OPERATOR (cooperage)
CUT-OFF-SAW OPERATOR (woodworking)
EDGER MAN (sawmill) I
EDGER MAN, AUTOMATIC (sawmill)
GANG SAWYER (sawmill)
GANG SAWYER, AUTOMATIC (sawmill)
HEADING-SAW OPERATOR (sawmill)
HEAD SAWYER (sawmill)
HEAD SAWYER, AUTOMATIC (paper & pulp; sawmill)
JIGSAW OPERATOR (woodworking)
LOG-CUT-OFF SAWYER, AUTOMATIC (sawmill)
MACHINE-TANK OPERATOR (cooperage)
PACKAGER, HEAD (sawmill)
POCKET CUTTER (plan. mill)
RESAW OPERATOR (woodworking)
RIP-AND-GROOVE MACHINE OPERATOR (furn.)
RIPSAW OPERATOR (woodworking)
RIPSAW MATCHER (woodworking)
ROCK SAWYER (sawmill)
SAWMILL WORKER (sawmill)
667.782 SHAKE SAWYER (sawmill)
Con. STAVE-BOLT EQUILIZER (sawmill)
STAVE-LOG-CUT-OFF SAW OPERATOR (sawmill)
STAVE-LOG-RIPSAW OPERATOR (sawmill)
STOCK CUTTER (plan. mill)
STOCK-PATCH SAWYER (woodworking)
TRIMMER MAN (sawmill)
VARIETY-SAW OPERATOR (woodworking)
RADIAL-ARM-SAW OPERATOR (const.; woodworking)
668. **Chipping**
668.782 CHIPPING-MACHINE OPERATOR (wallboard)
FLAKE-CUTTER OPERATOR (wallboard)
PROFILE-SHAPER OPERATOR, AUTOMATIC (woodworking)
669. **Wood Machining, n.e.c.**
669.782 ADZING-AND-BORING-MACHINE OPERATOR (wood preserving)
BARREL ASSEMBLER (cooperage)
BOX-BLANK-MACHINE OPERATOR (wood. box)
BUCKET TURNER (cooperage)
CHUCKING-AND-BORING-MACHINE OPERATOR (furn.)
DOWEL-INSERTING-MACHINE OPERATOR (plan. mill)
EMBOSSING-MACHINE OPERATOR (mirror & pic. frames)
END STAPLER (wood. box)
FRAME-TABLE OPERATOR (wood preserving)
INLETTER (firearms)
LAST TRIMMER (lasts & rel. forms)
LINDERMAN OPERATOR (woodworking)
NAILING-MACHINE OPERATOR (any ind.)
PLUGGING-MACHINE OPERATOR (woodworking)
TENONER OPERATOR (woodworking)
TIP INSERTER (shaped wood. art.)
WOODWORKING-MACHINE OPERATOR (woodworking)
67 **MACHINING, NONMETALLIC MINERALS AND RELATED MATERIALS**
670. **Stonecutting and Related Work**
670.782 CRYSTAL CUTTER (electronics)
GANG SAWYER, STONE (stonework)
673. **Abrading and Polishing**
673.782 BEVELING-AND-EDGING-MACHINE OPERATOR (glass mfg.; mirror)
FINGER-GRIP-MACHINE OPERATOR (mirror)
FINISH OPENER, JEWEL HOLE (clock & watch)
LENS-BLANK FINISHER (optical goods)
LENS-BLANK-THICKNESS GRINDER (optical goods)
MITERMAN (glass mfg.; mirror)
SANDBLASTER, STONE (stonework)
STONE-LATHE POLISHER (stonework)
STONE MOLDER (stonework)
STONE POLISHER, MACHINE (stonework)
SLAB GRINDER (stonework)
674. **Turning**
674.782 FINISHING-MACHINE OPERATOR (abrasive & polish. prod.)
GLASS-LATHE OPERATOR (electronics)
STONE-LATHE OPERATOR (stonework)
675. **Planing and Shaping, n.e.c.**
675.782 CONTOUR GRINDER (stonework)
PLANER OPERATOR (elec. equip.)
PLANER, STONE (conc. prod.; stonework)
676. **Boring and Punching**
676.782 DRILLER, MULTIPLE SPINDLE (mirror)
STONE DRILLER (stonework)
677. **Chipping, Cutting, Sawing, and Related Work**
677.782 BATT-MACHINE OPERATOR, INSULATION (wallboard)
CIRCULAR SAWYER, STONE (stonework)
CUTTING-MACHINE OPERATOR, AUTOMATIC (glass mfg.)
GLASS-CUT-OFF-MACHINE OPERATOR (glass mfg.)
HEAD-SAW OPERATOR, INSULATION BOARD (wallboard)
REFRACTORY-GRINDER OPERATOR (brick & tile)
RIPSAWYER, STONE (stonework)
STONECUTTER, MACHINE (stonework)
TENONER OPERATOR (wallboard)
WIRE SAWYER (stonework)
679. **Machining, Nonmetallic Minerals and Related Materials, n.e.c.**

679.782 BANDING-MACHINE OPERATOR (pottery & porc.)
DECORATING-MACHINE OPERATOR (glass mfg.)
SALVAGE MAN (elec. equip.)
STAMPER, MACHINE (pottery & porc.)

68 TEXTILE MACHINE WORK

681. Twisting, Beaming, Warping, and Related Work

681.782 DRESSER TENDER (textile)
ROPE-MAKER, ROPEWALK (cord. & twine)
RUG SETTER, AXMINSTER (carpet & rug)
RUG SETTER, VELVET (carpet & rug)

683. Weavers and Related Work

683.782 CARD CUTTER, JACQUARD (narrow fabrics; textile)
DRAWING-IN-MACHINE TENDER (textile)
WEAVER (asbestos prod.; textile)
CARPET WEAVER (carpet & rug)
CARPET WEAVER, JACQUARD LOOM (carpet & rug)
JACQUARD-LOOM WEAVER (narrow fabrics)
JACQUARD-LOOM WEAVER (textile)
LEVERS-LACE-MACHINE OPERATOR (textile)
PLUSH WEAVER (textile)
WEAVER, NARROW FABRICS (asbestos prod.; narrow fabrics)
WEAVER, TIRE CORD (textile)
WEAVER (fiber rugs; paper goods)
WEAVER APPRENTICE (asbestos prod.; textile)

684. Hosiery Knitting

684.782 KNITTING-MACHINE OPERATOR, FULL-FASHIONED HOSIERY (hosiery)
KNITTING - MACHINE OPERATOR, FULL - FASHIONED HOSIERY, AUTOMATIC (hosiery)
TRANSFER KNITTER (hosiery)

685. Knitting, Except Hosiery

685.782 CROCHET-MACHINE OPERATOR (knit goods)
LINK-AND-LINK-HAND-KNITTING-MACHINE OPERATOR (knit goods)
SURGICAL-ELASTIC KNITTER, HAND FRAME (surgical appl.)

686. Punching, Cutting, Forming, and Related Work

686.782 BAND-SAW OPERATOR (felt goods)
BIAS-CUTTING-MACHINE OPERATOR (knit goods; trim. & stamp. art goods)
DIE-CUTTING-MACHINE OPERATOR, AUTOMATIC (felt goods; textile)
FELT-CUTTING-MACHINE OPERATOR (felt goods)
RUG CUTTER (fiber rugs)

689. Textile Machine Work, n.e.c.

689.782 AUTOMATIC-PAD-MAKING-MACHINE OPERATOR (waste & batting)
LOOPER (hosiery; knit goods)
NEEDLE-FELT-MAKING-MACHINE OPERATOR (felt goods)
NEEDLE-LOOM OPERATOR (felt goods)
PUNCHER (embroid.)
SLITTING-AND-TWISTING MACHINE OPERATOR (fiber rugs)
STITCHER (embroid.)

69 MACHINE WORK, N.E.C.

690. Plastics, Synthetics, Rubber, and Leather Working

690.782 ARCH-CUSHION-SKIVING-MACHINE OPERATOR (rubber goods)
BALL-TRUING-MACHINE OPERATOR (sports equip.)
BIAS-MACHINE OPERATOR (rubber tire & tube)
CUT-OUT STITCHER (boot & shoe)
CUTTER, BARREL DRUM (house furn.)
EMBOSSER (leather mfg.; leather prod.)
EMBOSSING-PRESS OPERATOR, MOLDED GOODS (linoleum)
FOXING-CUTTING-MACHINE OPERATOR, AUTOMATIC (rubber goods)
HEEL BREASTER, LEATHER (boot & shoe)
HEEL-SEAT FITTER, MACHINE (boot & shoe)
HOT-DIE-PRESS OPERATOR (rubber goods)
LEADMAN, AUTOMATIC VULCANIZING (rubber goods)
ORNAMENTAL-MACHINE OPERATOR (mirror & pic. frames)
OUTSOLE CUTTER, AUTOMATIC (rubber goods)
OUTSOLE-CUTTING-MACHINE OPERATOR (rubber goods)
PLANISHING-PRESS OPERATOR (plastics mat.)
PRESSMAN (fabric. plastics prod.) II

690.782 Con. RING-ROLLING-MACHINE OPERATOR (rubber goods)
SAWYER (fabric. plastics prod.; plastics mat.)
SHEETER OPERATOR (plastics mat.)
SOLE-CONFORMING-MACHINE OPERATOR (boot & shoe)
SPAGHETTI-MACHINE OPERATOR (fabric. plastics prod.)
STITCHER, SPECIAL MACHINE (boot & shoe)
STITCHER, STANDARD MACHINE (boot & shoe)
BINDING STITCHER (boot & shoe)
BUCKLE SEWER, MACHINE (boot & shoe)
FANCY STITCHER (boot & shoe)
SEAM-STAY STITCHER (boot & shoe)
TOP STITCHER (boot & shoe)
STITCHER, UTILITY (boot & shoe)
TIRE-REGROOVING-MACHINE OPERATOR (auto. ser.)
TRIMMER (fabric. plastics prod.)
TRIMMER, MACHINE (rubber goods)
TRIMMING-MACHINE OPERATOR (button)
TUBER-MACHINE OPERATOR (rubber goods; rubber tire & tube)
WEATHERSTRIP-MACHINE OPERATOR (rubber goods)

691. Insulated Wire and Cable Fabricating

691.782 ASBESTOS-WIRE FINISHER (insulated wire)
BRAIDER OPERATOR (insulated wire)
EXTRUDING-MACHINE OPERATOR (insulated wire)
INSULATING-MACHINE OPERATOR (insulated wire)
LEAD-PRESS OPERATOR (insulated wire)

692. Fabrication of Products from Assorted Materials

692.782 ANKLE-PATCH MOLDER (rubber goods)
BEAD-FORMING-MACHINE OPERATOR (rubber tire & tube)
BORING - AND - FILLING - MACHINE OPERATOR (brush)
BOW-PRESS OPERATOR (sports equip.)
BROOM STITCHER (broom)
CALENDER-ROLL PRESSMAN (mach. mfg.)
COREMAKING-MACHINE OPERATOR (elec. equip.)
FILLING - AND - STAPLING - MACHINE OPERATOR (brush)
GAGE MAN (linoleum)
LEAD-STRIPPING-MACHINE OPERATOR (rubber goods)
PLATE STACKER, MACHINE (elec. equip).
POWER-DRIVEN BRUSH MAKER (brush)
SALVAGE-MACHINE OPERATOR (ammunition)
SET-UP MAN, CROWN ASSEMBLY MACHINE (any ind.)
STACKING-MACHINE OPERATOR (any ind.) I
STRAPPING-MACHINE OPERATOR (wood. box)
STRING-WINDING-MACHINE OPERATOR (musical inst.)
SWEEPER-BRUSH MAKER, MACHINE (brush)
TILE-POWER-SHEAR OPERATOR (linoleum)
TWISTING-MACHINE OPERATOR (brush)
UNDERCUTTING-MACHINE OPERATOR (elec. equip.)
WAFER-MACHINE OPERATOR (elec. equip.)
WIRE-WRAPPING-MACHINE OPERATOR (office mach.)
WRAPPING-MACHINE OPERATOR (wood preserving)

693. Moldmaking, Patternmaking, and Related Work

693.782 LAST-PATTERN GRADER (lasts & rel. forms)

694. Fabrication of Ordnance, Ammunition, and Related Products, n.e.c.

694.782 CLIP-LOADING-MACHINE ADJUSTER (ammunition)
TRACER-BULLET-CHARGING-MACHINE OPERATOR (ammunition)

699. Miscellaneous Machine, Work, n.e.c.

699.782 CUTTER OPERATOR (any ind.)
DIE CUTTER (any ind.)
CUTTER (glove & mit.; tex. prod., n.e.c.)
RIVETING-MACHINE OPERATOR (any ind.)
SLITTING-MACHINE OPERATOR (any ind.) I
BINDING CUTTER, SYNTHETIC CLOTH (textile)
ROLL-SHEETING CUTTER (artif. leather; fabric. plastics prod.)

78 FABRICATION AND REPAIR OF TEXTILE, LEATHER, AND RELATED PRODUCTS

782. Handsewing, Mending, Embroidering, Knitting, and Related Work, n.e.c.

782.782 KNITTING-MACHINE OPERATOR, HAND (knit goods) I

786. Machine Sewing, Garment

786.782 SEWING-MACHINE OPERATOR, REGULAR EQUIPMENT (garment)
ARMHOLE RAISER (garment)
BELT MAKER (garment)
BINDER (garment) I
EDGER (garment)
ELASTIC ATTACHER (garment)
FAGOTING-MACHINE OPERATOR (garment) I
FAGOTING-MACHINE OPERATOR (garment) II
FELLER, MACHINE (garment)
FUR-JOINER OPERATOR (garment)
GATHERING-MACHINE OPERATOR (garment)
HEMMER (garment)
HEMSTITCHING-MACHINE OPERATOR (garment)
INSERTER (garment)
MATCH-UP GIRL (garment) I
PATCHER (garment)
PIPING-MACHINE OPERATOR (garment)
PLEAT SEWER (garment)
SCALLOPER (garment)
SETTER, GARMENT PARTS (garment)
SEWING-MACHINE OPERATOR (ret. tr.)
SHELL-STITCH-MACHINE OPERATOR (garment)
SHIRRING-MACHINE OPERATOR (garment)
STRAP-MACHINE OPERATOR (garment)
STRIP SEWER (garment)
TAPING-MACHINE OPERATOR (garment)
TOP STITCHER (garment)
TUCKING-MACHINE OPERATOR (garment)
TUFT-MACHINE OPERATOR (garment)
ZIPPER SEWER (garment)

787. Machine Sewing, Nongarment

787.782 CARPET SEWER (ret. tr.)
DARNING-MACHINE OPERATOR (hosiery; laund.)
EMBROIDERY-MACHINE OPERATOR (any ind.)
CLOCK-MACHINE OPERATOR (hosiery)
EXAMINER-MENDER (tex. prod., n.e.c.)
MENDER (carpet & rug; house furn.)
MENDER (embroid.)
PUFFING-MACHINE OPERATOR (any ind.)
SAMPLE MENDER (embroid.)
SAMPLE PROCESSOR (fiber rugs)
SEWING-MACHINE OPERATOR, ALL AROUND (any ind.)
SEWING-MACHINE OPERATOR, REGULAR EQUIPMENT (any ind.)
ASBESTOS-CLOTH SEWER (asbestos prod.)
BAG-AND-SACK SEWER (tex. bag)
BIAS-CLOTH RUFFLER (tex. prod., n.e.c.)
BINDER (any ind.) II
BINDING-END STITCHER (fiber rugs)
BRIM STITCHER (hat & cap)
BRIM - WELT - SEWING - MACHINE OPERATOR (hat & cap)
BUCKRAM SEWER (house furn.)
CAP SIZER (hat & cap)
CHIN-STRAP SEWER (hat & cap)
CLAM MAKER (artif. flower)
CLOSER (glove & mit.)
CLOSER (toys & games)
CORE-COVERING SEWER (tex. prod., n.e.c.)
CUSHION CLOSER (furn.; house furn.)
DOLL-WIG MAKER (hairwork)
DRAPERY OPERATOR (ret. tr.)
EDGER (glove & mit.; leather prod.; textile)
ELASTIC SEWER (house furn.)
EMBROIDERING-MACHINE OPERATOR (mort. goods)
EMBROIDERY SEWER (textile)
END-TO-END SEWER (narrow fabrics; tex. bag; textile)
FILTER-CLOTH MAKER (tex. prod., n.e.c.)
FINGER-BUFF SEWER (tex. prod., n.e.c.)
FINGERER (glove & mit.)
FLOWER-MACHINE OPERATOR (house furn.)
FRINGER (house furn.) II

787.782 Con. SEWING-MACHINE OPERATOR, REGULAR EQUIPMENT (any ind.)—Continued
FUR-MACHINE OPERATOR (fur goods; hat & cap)
GLOVE SEWER (glove & mit.)
HANDLE SEWER (leather prod.)
HARNESS-MACHINE OPERATOR (leather prod.; tex. bag; tex. prod., n.e.c.)
HEMMER (any ind.)
HEMSTITCHING-MACHINE OPERATOR (textile; trim. & stamp. art goods)
KNUCKLE-STRAP SEWER (glove & mit.)
LEATHER FITTER (hat & cap)
MENDER (house furn.)
MENDER (trim. & stamp. art goods)
PALM-AND-BACK FORGER (glove & mit.)
REEDING-MACHINE OPERATOR (hat & cap)
ROLL-EDGE-MACHINE OPERATOR (matt. & bedspring)
RUFFLER (house furn.)
RUFFLER (trim. & stamp. art goods)
SAIL FINISHER, MACHINE (canvas goods)
SEAMER (hosiery)
SEAMER, ELASTIC BAND (hosiery)
SEWING-MACHINE OPERATOR (auto. mfg.)
SEWING-MACHINE OPERATOR (canvas goods)
SEWING-MACHINE OPERATOR (elec. equip.)
SEWING-MACHINE OPERATOR (embroid.)
SEWING-MACHINE OPERATOR (fabric. prod., n.e.c.)
SEWING-MACHINE OPERATOR (felt goods)
SEWING-MACHINE OPERATOR (furn.)
SEWING-MACHINE OPERATOR (hat & cap)
SEWING-MACHINE OPERATOR (house furn.)
SEWING-MACHINE OPERATOR (leather prod.)
SEWING-MACHINE OPERATOR (matt. & bedspring)
SEWING-MACHINE OPERATOR (mort. goods)
SEWING-MACHINE OPERATOR (tex. bag)
SEWING-MACHINE OPERATOR (tex. prod., n.e.c.)
SEWING-MACHINE OPERATOR (textile)
SEWING-MACHINE OPERATOR (toys & games)
SEWING-MACHINE OPERATOR (trim. & stamp. art goods)
SHIRRING-MACHINE OPERATOR (hat & cap; mort. goods; trim. & stamp. art goods)
SLIP-COVER SEAMSTRESS (house furn.)
SPLICING-MACHINE OPERATOR (textile)
STITCHER (rubber goods)
STRAW-HAT-MACHINE OPERATOR (hat & cap)
TACKER (textile) I
TACKER, ELASTIC BAND (hosiery)
TAPE-EDGE-MACHINE OPERATOR (matt. & bedspring)
TAPING-MACHINE OPERATOR (carpet & rug; house furn.)
THUMB SEWER (glove & mit.)
TOE SEWER (hosiery)
TOP SEWER (hosiery)
TOP STITCHER (hat & cap)
TRUSS MAKER (surgical appl.)
TUCKING-MACHINE OPERATOR (hat & cap; trim. & stamp. art goods)
TUFT-MACHINE OPERATOR (carpet & rug; house furn.)
UMBRELLA SEWER (umbrella)
WIRE-MACHINE OPERATOR (hat & cap) II
WIRE-STITCHING-MACHINE OPERATOR (button)
WRIST CLOSER (glove & mit.)
WRISTER (glove & mit.)
ZIPPER SETTER (furn.; house furn.)
WINDOW-SHADE-CLOTH SEWER (window shade & fix.)

80 **METAL FABRICATING, N.E.C.**
800. **Riveting**
800.782 RIVETER, HYDRAULIC (any ind.)
RIVETER, PORTABLE PINCH (any ind.)
806. **Transportation Equipment Assembling and Related Work**
806.782 METAL-BONDING PRESS OPERATOR (aircraft mfg.)

81 **WELDING, FLAME CUTTING, AND RELATED WORK**
810. **Arc Welding**
810.782 WELDER, BUTT (welding) I
WELDER, SEAM (welding) I
WELDER, SPOT (welding) I
BRAZER, RESISTANCE (welding) I
WELDING-MACHINE OPERATOR, ARC (welding)
WELDING-MACHINE OPERATOR, GAS-SHIELDED ARC (welding)
WELDING-MACHINE OPERATOR, SUBMERGED ARC (welding)
811. **Gas Welding**
811.782 WELDING-MACHINE OPERATOR, GAS (welding)
814. **Brazing, Braze Welding, and Soldering**
814.782 BRAZER, FURNACE (welding)
BRAZER, CONTROLLED ATMOSPHERIC FURNACE (welding)
BRAZER, INDUCTION (welding) I
BRAZING-MACHINE OPERATOR (welding) I
815. **Lead Burning**
815.782 LEAD BURNER, MACHINE (elec. equip.)
816. **Flame and Arc Cutting**
816.782 FLAME-CUTTING-MACHINE OPERATOR (welding)
FLAME-CUTTING TRACER-MACHINE OPERATOR (welding)

84 **PAINTING, PLASTERING, WATERPROOFING, CEMENTING, AND RELATED WORK**
843. **Waterproofing and Related Work**
843.782 METAL SPRAYER, CORROSION PREVENTION (any ind.)
METAL SPRAYER, CORROSION-PREVENTION FIELD-MAN (any ind.)
844. **Cement and Concrete Finishing and Related Work**
844.782 CONCRETE-GUN-MIXING-MACHINE OPERATOR (const.)
CONCRETE-GUN OPERATOR (const.)

85 **EXCAVATING, GRADING, PAVING, AND RELATED WORK**
850. **Excavating, Grading, and Related Work**
850.782 HORIZONTAL-EARTH-BORING-MACHINE OPERATOR (const.)
SHIELD RUNNER (const.)
851. **Drainage and Related Work**
851.782 WELL-POINT PUMPMAN (const.)
853. **Asphalt Paving**
853.782 ASPHALT-PLANER OPERATOR (const.)
ASPHALT-PLANT OPERATOR (const.)
859. **Excavating, Grading, Paving, and Related Work, n.e.c.**
859.782 DRIFTER (const.)
DRILLER, WATER WELL (const.)
EARTH-BORING-MACHINE OPERATOR (const.; light, heat, & power)
FOUNDATION-DRILL OPERATOR (const.)
PILE-DRIVER OPERATOR (const.)
WELL-DRILL OPERATOR, CABLE TOOL (const.)
WELL-DRILL OPERATOR, ROTARY DRILL (const.)
WELL-REACTIVATOR OPERATOR (const.)

86 **CONSTRUCTION WORK, N.E.C.**
862. **Plumbing, Gas Fitting, Steam Fitting, and Related Work**
862.782 PIPE-CLEANING-AND-PRIMING-MACHINE OPERATOR (const.)
PIPE-CLEANING-MACHINE OPERATOR (const.)
PIPE-WRAPPING-MACHINE OPERATOR (const.; pipe lines)
869. **Miscellaneous Construction Work, n.e.c.**
869.782 CEMENT-PUMP OPERATOR (const.)
LIFT-SLAB OPERATOR (const.)

89 **STRUCTURAL WORK, N.E.C.**
899. **Miscellaneous Structural Work, n.e.c.**
899.782 DIVER PUMPER (const.; fish.)

91 **TRANSPORTATION WORK, N.E.C.**
910. **Railroad Transportation**
910.782 TOWERMAN (r.r. trans.)
INTERLOCKING TOWERMAN (r.r. trans.)
TRACK REPAIRMAN (r.r. trans.)
911. **Water Transportation**
911.782 LOCK TENDER (water trans.)
912. **Air Transportation**
912.782 AIRCRAFT-AIR-CONDITIONING-TRUCK OPERATOR (air trans.)
914. **Pumping and Pipeline Transportation**
914.782 COAL-PIPELINE OPERATOR (pipe lines)
OIL PUMPER (petrol. production)
STATION ENGINEER, MAIN LINE (pipe lines)
919. **Miscellaneous Transportation Work, n.e.c.**
919.782 REFRIGERATING-MACHINE OPERATOR (motor trans.)

92 **PACKAGING AND MATERIALS HANDLING**
920. **Packaging**
920.782 ICICLE-MACHINE OPERATOR (dairy prod.)
MASKING-MACHINE OPERATOR (plastics mat.)
921. **Hoisting and Conveying**
921.782 GRAB OPERATOR (sugar)
TIPPLE MAN (sawmill)
WAYS OPERATOR (ship & boat bldg. & rep.)
922. **Materials Moving and Storing, n.e.c.**
922.782 CAR DUMPER (cement)
CAR-DUMPER OPERATOR (malt liquors)
FLOUR DISTRIBUTOR (macaroni & rel. prod.)
STACKER-HOIST-AND-SORTER POCKET MAN (sawmill)
929. **Packaging and Materials Handling, n.e.c.**
929.782 CONVEYOR-LINE OPERATOR, AUTOMATIC (any ind.)

93 **EXTRACTION OF MINERALS**
930. **Boring, Drilling, Cutting, and Related Work**
930.782 ACIDIZER (petrol. production)
AUGERMAN (mining & quarrying)
CHURN-DRILL OPERATOR (mining & quarrying)
CORE-DRILL OPERATOR (any ind.)
DERRICKMAN (petrol. production)
DRILLER, MACHINE (any ind.)
DRILLER, JET PIERCING (mining & quarrying)
DRILLING-MACHINE OPERATOR (mining & quarrying)
HYDRAULIC OPERATOR (mining & quarrying)
PIPE TESTER (petrol. production)
PROSPECTING DRILLER (petrol. production)
ROTARY DRILLER (petrol. production)
931. **Blasting**
931.782 PERFORATOR OPERATOR, OIL WELL (petrol. production)
939. **Extraction of Minerals, n.e.c.**
939.782 DRY-PLACER-MACHINE OPERATOR (mining & quarrying)
FORMATION-FRACTURING OPERATOR (petrol. production)
PANEL-BOARD OPERATOR (mining & quarrying; ore dress., smelt., & refin.)
PNEUMATIC-JACK OPERATOR (petrol. production)
PUMPER, HEAD (petrol. production)
SECTION-PLOTTER OPERATOR (petrol. production) I

94 **LOGGING**
942. **Log Sorting, Gathering, Storing, and Related Work**
942.782 DONKEY ENGINEER (logging)
JAMMER OPERATOR (logging)

95 **PRODUCTION AND DISTRIBUTION OF UTILITIES**
950. **Stationary Engineering**
950.782 COMPRESSOR ENGINEER, CAISSON (const.)
ENGINEMAN (any ind.)
MILL ENGINEER (iron & steel)
REEFER ENGINEER (water trans.)
ROTARY-RIG ENGINEMAN (petrol. production)
STATIONARY ENGINEER (any ind.)
BOILER OPERATOR (any ind.) II
DIESEL-ENGINE OPERATOR, STATIONARY (any ind.)
ENGINEER, EXHAUSTER (coke prod.)
GAS-COMPRESSOR OPERATOR (any ind.)
GAS-ENGINE OPERATOR (any ind.)
REFRIGERATING ENGINEER (any ind.)
STATIONARY-ENGINEER APPRENTICE (any ind.)
952. **Generation, Transmission, and Distribution of Electric Light and Power**
952.782 AUXILIARY-EQUIPMENT OPERATOR (light, heat, & power)
DIESEL-PLANT OPERATOR (light, heat, & power)
FEEDER-SWITCHBOARD OPERATOR (light, heat, & power)
HYDROELECTRIC-STATION OPERATOR (light, heat, & power)
POWERMAN (tel. & tel.) I

952.782 POWER-PLANT ATTENDANT (radio & tv broad.)
Con. POWER-PLANT OPERATOR (any ind.)
RECTIFIER OPERATOR (light, heat, & power)
SUBSTATION OPERATOR (light, heat, & power)
SUBSTATION - OPERATOR APPRENTICE (light, heat, & power)
SWITCHBOARD OPERATOR (chem.)
SWITCHBOARD OPERATOR (light, heat, & power)
SWITCHBOARD OPERATOR, ENGINE TEST (engine & turbine)
TURBINE OPERATOR (light, heat, & power)
TURBINE-AND-ENGINE OPERATOR (light, heat, & power)

953. Production and Distribution of Gas

953.782 FUEL ATTENDANT (any ind.)
GAS-PRODUCER MAN (any ind.)
GAS-PUMPING-STATION OPERATOR (light, heat, & power)
LIQUEFACTION - AND - REGASIFICATION - PLANT OPERATOR (light, heat, & power)
PRESSURE MAN (light, heat, & power)
PUMPMAN, GAS PLANT (light, heat, & power)

954. Filtration, Purification, and Distribution of Water

954.782 DITCH RIDER (waterworks)
PUMP - STATION OPERATOR, WATERWORKS (waterworks)
WATERSHED TENDER (waterworks)
WATER-TREATMENT-PLANT OPERATOR (waterworks)
SEWAGE-PLANT OPERATOR (any ind.)
WATER-SERVICE SUPERVISOR (any ind.)

955. Refuse and Sewage Disposal

955.782 CLARIFYING-PLANT OPERATOR (textile)
INCINERATOR OPERATOR (sanitary ser.)
SEWAGE-PLANT OPERATOR (sanitary ser.)

96 AMUSEMENT, RECREATION, AND MOTION PICTURE WORK, N.E.C.

962. Motion Picture Production, n.e.c.

962.782 OPERATOR, LIGHTS (motion pic.)
RECORDIST (motion pic.)

963. Radio and Television Production, n.e.c.

963.782 MICROPHONE OPERATOR (radio & tv broad.)

97 GRAPHIC ART WORK

971. Photoengraving

971.782 STENCIL OPERATOR, PHOTOGRAPHIC (print. & pub.)

972. Lithography and Related Work

972.782 PLATE GRAINER (print. & pub.)
PLATE-GRAINER APPRENTICE (print. & pub.)

975. Stereotyping and Related Work

975.782 BLOCKER, METAL BASE (print. & pub.)
STEREOTYPER (print. & pub.)
STEREOTYPER APPRENTICE (print. & pub.)

976. Darkroom Work, n.e.c.

976.782 COLOR-PRINTER OPERATOR (any ind.)
FILM DEVELOPER (motion pic.)
FILM PRINTER (motion pic.)
MULTIPLE-PHOTOGRAPHIC-PRINTER OPERATOR (any ind.)
RECTIFICATION PRINTER (any ind.)

977. Bookbinding and Related Work

977.782 BOOK-SEWING-MACHINE OPERATOR (print. & pub.) II

979. Graphic Art Work, n.e.c.

979.782 BLOCKER (print. & pub.)
BLUEPRINTING-MACHINE OPERATOR (any ind.)
CLAMPER (print. & pub.)
ENGAVER, MACHINE (print. & pub.)
PANTOGRAPHER (print. & pub.)
PROOFING-MACHINE OPERATOR (print. & pub.)
ROLLER VARNISHER (print. & pub.)
ROUTER (print. & pub.)

DRIVING—OPERATING

.883

Work Performed

Work activities in this group primarily involve starting, stopping, and moving the controls of machines which must be steered or guided in order to fabricate, process, and/or move materials and products. The work is occasionally performed at the given signals of others. Typical machines are farm tractors, trucks, hoisting machines, and charging machines which pave roads, transport people or materials, hoist building supplies, and charge ore into furnaces.

Worker Requirements

An occupationally significant combination of: Spatial discrimination; eye-hand-foot coordination; manual dexterity; a preference for working with machines and equipment; the ability to follow instructions; and facility in adapting to routine, repetitive work.

Clues for Relating Applicants and Requirements

Considerable driving experience.
Military experience driving tank, truck, or similar vehicle.
Good vision and general physical condition.
Casual work experience driving truck or farm machine.

Training and Methods of Entry

Entry into these activities is usually by interest and possession of necessary physical abilities. Casual work experience and other types of exposure to situations involving moving machines can be considered an indication that this might be suitable work. On-the-job training is the usual method by which workers acquire proficiency.

RELATED CLASSIFICATIONS

Transportation Service Work (.363; .364; 463) p. 519
Operating-Controlling (.782) p. 435
Manipulating (.884) p. 322
Tending (.885) p. 447
Feeding-Offbearing (.886) p. 356

QUALIFICATIONS PROFILE

GED: 3 2
SVP: 4 5 3

Apt:	GVN	SPQ	KFM	EC
	344	345	343	35
	4 5	434	434	44

Int: 1 9 3
Temp: 2 3 Y
Phys. Dem: L M H 2 3 4 6

35 **MISCELLANEOUS PERSONAL SERVICES**
359. **Miscellaneous Personal Services, n.e.c.**
359.883 CHAUFFEUR, FUNERAL CAR (per. ser.)
38 **BUILDING AND RELATED SERVICES**
389. **Building and Related Services, n.e.c.**
389.883 VACUUM-CLEANER OPERATOR (any ind.)
40 **PLANT FARMING**
402. **Cotton Farming**
402.883 FARM HAND, COTTON (agric.) I
403. **Vegetable Farming**
403.883 FARM HAND, VEGETABLE (agric.) I
404. **Fruit and Nut Farming**
404.883 CRANBERRY PICKER, MACHINE (agric.)
FARM HAND, CITRUS FRUIT (agric.) I
FARM HAND, FRUIT (agric.) I
FRUIT-HARVESTER OPERATOR (agric.)
SHAKING-MACHINE OPERATOR (agric.)
407. **Gardening and Groundskeeping**
407.883 GREENSKEEPER (any ind.) II
409. **Plant Farming, n.e.c.**
409.883 FARM-EQUIPMENT OPERATOR (agric.)
FARMER, CONTRACT (agric.)
FIELD HAULER (agric.)
GOAT-TRUCK DRIVER (agric.)
HAULER, PEANUT (agric.)
42 **MISCELLANEOUS FARMING AND RELATED WORK**
421. **General Farming**
421.883 FARM HAND, GENERAL (agric.) I
424. **Farm Machinery Operating, n.e.c.**
424.883 HEAVY-EQUIPMENT OPERATOR (agric.)
SPRAYER (agric.)
43 **FISHERY AND RELATED WORK**
431. **Net, Seine, and Trap Fishing**
431.883 STAKE BOATMAN (fish.)
51 **ORE REFINING AND FOUNDRY WORK**
512. **Melting**
512.883 CHARGING-MACHINE OPERATOR (iron & steel)
FURNACE CHARGER (nonfer. metal alloys; ore dress., smelt., & refin.)
518. **Molding, Coremaking, and Related Work**
518.883 SAND-SLINGER OPERATOR (found.)
519. **Ore Refining and Foundry Work, n.e.c.**
519.883 DROSSMAN (ore dress., smelt., & refin.) II
LARRYMAN (coke prod.)
OPERATOR, DOOR MACHINE (coke prod.)
PUSHERMAN (coke prod.)
QUENCHING-CAR MAN (coke prod.)
55 **PROCESSING, CHEMICALS AND RELATED PRODUCTS**
550. **Mixing and Blending**
550.883 FORMULA WEIGHER (rubber goods)
56 **PROCESSING, WOOD AND WOOD PRODUCTS**
569. **Processing, Wood and Wood Products, n.e.c.**
569.883 KILN-TRANSFER OPERATOR (woodworking)
57 **PROCESSING, NONMETALLIC MINERALS AND RELATED PRODUCTS**
570. **Crushing, Grinding, and Mixing**
570.883 DRY-PAN CHARGER (brick & tile)
SAND-CUTTER OPERATOR (found.)
575. **Forming**
575.883 BUCKET MAN (conc. prod.)
59 **PROCESSING, N.E.C.**
599. **Miscellaneous Processing, n.e.c.**
599.883 LEAD HANDLER (ammunition)
66 **WOOD MACHINING**
664. **Turning**
664.883 LATHE SPOTTER (veneer & plywood)
80 **METAL FABRICATING, N.E.C.**
806. **Transportation Equipment Assembling and Related Work**
806.883 ASSEMBLY INSPECTOR HELPER (agric. equip.)
85 **EXCAVATING, GRADING, PAVING, AND RELATED WORK**
850. **Excavating, Grading and Related Work**
850.883 BULLDOZER OPERATOR (any ind.) I
SCRAPER OPERATOR (any ind.)
DREDGE LEVERMAN (const.)
DREDGE OPERATOR (const.)
LOCK TENDER (const.) II
MUCKING-MACHINE OPERATOR (const.)
POWER-SHOVEL OPERATOR (any ind.)
ROCK-DRILL OPERATOR (const.)
SCRAPER OPERATOR (const.)
STRIPPING-SHOVEL OPERATOR (mining & quarrying)
TOWER-EXCAVATOR OPERATOR (const.)
850.883 TRENCH-DIGGING-MACHINE OPERATOR (const.)
Con.
851. **Drainage and Related Work**
851.883 BLADE-GRADER OPERATOR (const.)
ELEVATING-GRADER OPERATOR (const.)
MOTOR-GRADER OPERATOR (const.)
SEPTIC-TANK INSTALLER (const.)
SUBGRADER OPERATOR (const.)
UTILITY-TRACTOR OPERATOR (const.)
852. **Concrete Paving**
852.883 CONCRETE-PAVER OPERATOR (const.)
CONCRETE - PAVING - MACHINE OPERATOR (const.)
FORM-GRADER OPERATOR (const.)
853. **Asphalt Paving**
853.883 ASPHALT-PAVING-MACHINE OPERATOR (const.)
ROAD-OILING-TRUCK DRIVER (const.)
STONE-SPREADER OPERATOR (const.)
859. **Excavating, Grading, Paving, and Related Work, n.e.c.**
859.883 BALLAST-CLEANING-MACHINE OPERATOR (r.r. trans.)
BALLAST-REGULATOR OPERATOR (const.)
DRAGLINE OPERATOR (any ind.)
WALKING-DRAGLINE OPERATOR (any ind.)
HEATER-PLANER OPERATOR (const.)
JOINT-CLEANING-AND-GROOVING-MACHINE OPERATOR (const.)
OPERATING ENGINEER (const.)
OPERATING-ENGINEER APPRENTICE (const.)
ROAD-MIXER OPERATOR (const.)
ROAD-ROLLER OPERATOR (const.)
SWEEPER OPERATOR (const.)
TAMPING-MACHINE OPERATOR (r.r. trans.)
86 **CONSTRUCTION WORK, N.E.C.**
869. **Miscellaneous Construction Work, n.e.c.**
869.883 FORM-TAMPER OPERATOR (const.)
TAMPER OPERATOR (const.) I
TAMPING-MACHINE OPERATOR (const.)
WINCHMAN, PILE DRIVING (const.)
89 **STRUCTURAL WORK, N.E.C.**
892. **Hoisting and Conveying, n.e.c.**
892.883 CHERRY-PICKER OPERATOR (const.)
LABORER, HOISTING (any ind.)
YARDMAN (ship & boat bldg. & rep.)
90 **MOTOR FREIGHT TRANSPORTATION**
900. **Concrete-Mixing-Truck Driving**
900.883 CONCRETE-MIXING-TRUCK DRIVER (const.)
902. **Dump-Truck Driving**
902.883 DUMP-TRUCK DRIVER (any ind.)
DUMP-TRUCK DRIVER, OFF-HIGHWAY (any ind.)
903. **Truck Driving, Inflammables**
903.883 POWDER-TRUCK DRIVER (ammunition)
TANK-TRUCK DRIVER (petrol. refin.; ret. tr.; whole. tr.)
904. **Trailer-Truck Driving**
904.883 TRACTOR-TRAILER-TRUCK DRIVER (any ind.)
LOG-TRUCK DRIVER (logging)
TRANSPORT DRIVER (motor trans.)
WATER-TRUCK DRIVER (const.; petrol. production)
905. **Heavy Truck Driving**
905.883 TRUCK DRIVER, HEAVY (any ind.)
ARMORED-CAR DRIVER (bus. ser.)
MILK DRIVER (dairy prod.)
TRUCK DRIVER (logging)
WATER HAULER (logging)
WATER-TRUCK DRIVER (const.; petrol. production)
906. **Light Truck Driving**
906.883 LIQUID-FERTILIZER SERVICEMAN (agric.)
TELEPHONE-DIRECTORY DISTRIBUTOR (bus. ser.)
TRUCK DRIVER, LIGHT (any ind.)
EXPLOSIVES-TRUCK DRIVER (ammunition)
FOOD-SERVICE DRIVER (hotel & rest.)
909. **Motor Freight Transportation, n.e.c.**
909.883 GARBAGE COLLECTOR (motor trans.) I
HOSTLER (motor trans.)
TOW-BAR DRIVER (auto. mfg.)
VAN DRIVER (motor trans.)
91 **TRANSPORTATION WORK, N.E.C.**
910. **Railroad Transportation**
910.883 CAR-RETARDER OPERATOR (r.r. trans.)
HOSTLER, INSIDE (r.r. trans.)
HOSTLER, OUTSIDE (r.r. trans.)
LABORER, CAR BARN (r.r. trans.)
910.883 MOTORMAN (r.r. trans.) III
Con.
TRACK-BROOM OPERATOR (r.r. trans.)
TRACK-MOVING-MACHINE OPERATOR (mining & quarrying; ore dress., smelt., & refin.)
TRACK-SURFACING MACHINE OPERATOR (const.)
TRANSFER-TABLE OPERATOR (r.r. trans.)
TURNTABLE OPERATOR (r.r. trans.)
YARD ENGINEER (r.r. trans.)
911. **Water Transportation**
911.883 DOCKHAND (air trans.)
FERRYBOAT OPERATOR, CABLE (water trans.) I
LONGSHOREMAN (water trans.) I
MOTORBOAT OPERATOR (any ind.)
BOOMBOAT OPERATOR (logging)
QUARTERMASTER (water trans.)
WINCHMAN, CARGO (water trans.)
913. **Passenger Transportation, n.e.c.**
913.883 AMBULANCE DRIVER (medical ser.)
CHAUFFEUR (any ind.)
MOBILE-LOUNGE DRIVER (motor trans.)
915. **Parking Lot and Related Service Work**
915.883 HOSTLER (auto. ser.)
919. **Miscellaneous Transportation Work, n.e.c.**
919.883 DELIVERYMAN (any ind.) II
DELIVERY MAN, CAR RENTAL (auto. ser.)
DRIVER (auto. mfg.)
DRIVER-UTILITY MAN (auto. mfg.)
MOTORMAN (any ind.)
SPEEDERMAN (logging)
TRACKMOBILE OPERATOR (any ind.)
RAIL-TRACTOR OPERATOR (iron & steel)
STREET-SWEEPER OPERATOR (gov. ser.)
SUPPLIES PACKER (any ind.)
TEAMSTER (any ind.)
CARTER (logging)
RUTTER MAN (logging) II
SNAKER (logging)
TOW-TRUCK OPERATOR (auto. ser.)
92 **PACKAGING AND MATERIALS HANDLING**
921. **Hoisting and Conveying**
921.883 BOOM-CONVEYOR MAN (mining & quarrying)
CANTILEVER-CRANE OPERATOR (coke prod.; ship & boat bldg. & rep.)
COAL-TOWER OPERATOR (water trans.)
COKE LOADER (coke prod.)
CONVEYOR OPERATOR (any ind.)
CUPOLA HOISTMAN (found.)
DERRICK-BOAT OPERATOR (water trans.)
ELECTRIC-BRIDGE-OR-GANTRY-CRANE OPERATOR (any ind.)
ELECTRIC-MONORAIL-CRANE OPERATOR (any ind.)
ELEVATOR OPERATOR, FREIGHT (any ind.)
HOISTING ENGINEER (any ind.)
CAPSTAN MAN (const.)
COAL-TOWER OPERATOR (light, heat, & power)
CONCRETE-TOWER-HOIST OPERATOR (const.)
HOISTMAN (mining & quarrying)
LOG-YARD DERRICKMAN (sawmill)
SCRAPER-LOADER OPERATOR (mining & quarrying)
LOADER, MALT HOUSE (malt liquors)
LOCOMOTIVE CRANE OPERATOR (any ind.)
SKIP OPERATOR (iron & steel)
STATIC-TEST OPERATOR (ordnance)
TOWER-WHIRLER-OPERATOR (ship & boat bldg. & rep.)
TRACTOR-CRANE OPERATOR (any ind.)
TRANSFER MAN (sawmill)
TRUCK-CRANE OPERATOR (any ind.)
SHOVEL-LOADER OPERATOR (logging)
922. **Materials Moving and Storing, n.e.c.**
922.883 CHIP UNLOADER (paper & pulp)
COAL-EQUIPMENT OPERATOR (light, heat, & power)
INDUSTRIAL-TRUCK OPERATOR (any ind.)
POWER-BUGGY OPERATOR (any ind.)
POWDER-FARM ATTENDANT (ammunition)
STRADDLE-TRUCK OPERATOR (any ind.)
929. **Packaging and Materials Handling, n.e.c.**
929.883 PAN-SEED ROUSTABOUT (sugar)

929.883 TRACTOR OPERATOR (any ind.)
Con. LOGGING TRACTOR OPERATOR (forestry; logging; sawmill)
MARSH-BUGGY OPERATOR (const.)
MUSKEG OPERATOR (logging)
RUTTER MAN (logging) I
SNOWMOBILE DRIVER (any ind.)
SPRINKLER MAN (logging)
YARDMAN (agric.) II

93 EXTRACTION OF MINERALS

930. Boring, Drilling, Cutting, and Related Work

930.883 CHANNELING-MACHINE RUNNER (mining & quarrying)
CLEAN-OUT DRILLER (petrol. production)
CONTINUOUS-MINING-MACHINE OPERATOR (mining & quarrying)
930.883 CUTTER OPERATOR (mining & quarrying)
Con. SIDE-SHEARING-MACHINE OPERATOR (salt production)
HARVESTER OPERATOR (salt production)
ROOF BOLTER (mining & quarrying)
UNIVERSAL-CUTTING-MACHINE OPERATOR (mining & quarrying)
WELL PULLER (petrol. production)

932. Loading and Conveying

932.883 CAR DROPPER (mining & quarrying)
HOIST OPERATOR (petrol. production)
LOADING - MACHINE OPERATOR (mining & quarrying)
MECHANICAL-SHOVEL OPERATOR (mining & quarrying)
SHUTTLE-CAR OPERATOR (mining & quarrying)

939. Extraction of Minerals, n.e.c.

939.883 OBSERVER HELPER, GRAVITY PROSPECTING (petrol. production)

94 LOGGING

942. Log Sorting, Gathering, Storing, and Related Work

942.883 LOG-LOADER OPERATOR (logging)
WINCH-TRUCK OPERATOR (logging)

949. Logging, n.e.c.

949.883 THIRD LOADER (logging)

95 PRODUCTION AND DISTRIBUTION OF UTILITIES

953. Production and Distribution of Gas

953.883 DRIP PUMPER (light, heat, & power; pipe lines)

955, Refuse and Sewage Disposal

955.883 WASTE-DISPOSAL MAN (any ind.)

TENDING

.885

Work Performed

Work activities in this group primarily involve starting, stopping, and observing the functioning of machines and equipment. Workers are not concerned with setting up machines, but must be alert in changing guides, adjusting timers and temperature gages, turning valves, pushing buttons, flipping switches, and making other minor adjustments.

Worker Requirements

An occupationally significant combination of: An inclination toward working with machinery and equipment; the ability and willingness to learn and follow instructions; ease in adjusting to routine, repetitive work; and capacity for sustained attention to functioning of machines or equipment.

Clues for Relating Applicants and Requirements

Exposure to machine shop courses in high school.
Expressed desire to work around machinery.
Participation in athletics or similar leisure time activities requiring good physical coordination and alertness.
Casual work experience in a shop environment.

Training and Methods of Entry

Preference in hiring will frequently be given to workers with some exposure to machines in a school or work environment. The time required for a worker to become proficient at his job may range from a very short period, such as a few days, all the way up to 6 months, depending on the complexity of the individual work situation. On-the-job training is the most common method by which workers reach an acceptable level of competence in their jobs.

Machine tenders are often given the opportunity to assume more responsibility for the functioning of machines and advance to jobs as operators.

RELATED CLASSIFICATIONS

Sorting, Inspecting, Measuring, and Related Work (.484; .485; .487; .584; .585; .587; .683; .684; .685; .687) p. 282
Operating-Controlling (.782) p. 435
Manipulating (.884) p. 322
Feeding-Offbearing (.886) p. 356
Handling (.887) p. 360
Driving-Operating (.883) p. 444

QUALIFICATIONS PROFILE

GED: 2 3 1
SVP: 2 3 4

Apt:	GVN	SPQ	KFM	EC
	4 4 5	4 4 5	4 4 3	4 5
	3 4	3 3 4	3 3 4	5 4

Int: 3 1 9
Temp: 2 3 Y
Phys. Dem: L M H 3 4 6

19 MISCELLANEOUS PROFESSIONAL, TECHNICAL, AND MANAGERIAL WORK
199. **Miscellaneous Professional, Technical, and Managerial Work, n.e.c.**
199.885 DECONTAMINATION MAN (any ind.)
20 STENOGRAPHY, TYPING, FILING, AND RELATED WORK
207. **Duplicating-Machine Work**
207.885 DUPLICATING-MACHINE OPERATOR (clerical) IV
PHOTOGRAPHIC-MACHINE OPERATOR (clerical)
STENCIL-CUTTER OPERATOR (clerical)
208. **Miscellaneous Office Machine Work**
208.885 COLLATOR OPERATOR (clerical)
MICROFILM MOUNTER (any ind.)
21 COMPUTING AND ACCOUNT RECORDING
213. **Automatic Data Processing**
213.885 SORTING-MACHINE OPERATOR (clerical)
217. **Account-Recording-Machine Work, n.e.c.**
217.885 BURSTING-MACHINE OPERATOR (clerical)
23 INFORMATION AND MESSAGE DISTRIBUTION
234. **Mail-Preparing- and Mail-Handling-Machine Work**
234.885 ENVELOPE-SEALING-MACHINE OPERATOR (clerical) I
FOLDING-MACHINE OPERATOR (clerical)
INSERTING-MACHINE OPERATOR (clerical)
SEALING-AND-CANCELING-MACHINE OPERATOR (clerical)
WING-MAILER-MACHINE OPERATOR (print. & pub.)
35 MISCELLANEOUS PERSONAL SERVICES
359. **Miscellaneous Personal Services, n.e.c.**
359.885 CREMATOR (per. ser.)
36 APPAREL AND FURNISHING SERVICES
361. **Laundering Service**
361.885 CARDING-MACHINE OPERATOR (laund.)
CONDITIONER-TUMBLER OPERATOR (laund.)
CONTINUOUS-TOWEL ROLLER (laund.)
LAUNDRYMAN (any ind.) II
PATCHING-MACHINE OPERATOR (laund.)
STARCHER (laund.)
WASHER, MACHINE (laund.)
362. **Dry Cleaning Service**
362.885 FEATHER RENOVATOR (laund.)
363. **Pressing Service**
363.885 HANDKERCHIEF PRESSER (laund.)
PRESSER, FORM (any ind.)
PRESS OPERATOR (laund.)
PRESS OPERATOR, AUTOMATIC (laund.)
SHIRT PRESSER (laund.)
369. **Apparel and Furnishings Services, n.e.c.**
369.885 FUR BLOWER (ret. tr.)
FUR CLEANER, MACHINE (clean., dye., & press.; ret. tr.; whole. tr.)
FUR-GLAZING-AND-POLISHING-MACHINE OPERATOR (clean., dye., & press.)
RUG-CONVEYOR OPERATOR (clean., dye., & press.)
RUG-DRY-ROOM ATTENDANT (clean., dye., & press.)
SHIRT-FOLDING-MACHINE OPERATOR (garment; laund.)
TUMBLER OPERATOR (clean., dye., & press.; laund.)
40 PLANT FARMING
404. **Fruit and Nut Farming**
404.885 WINNOWING-MACHINE OPERATOR (agric.)
405. **Crop Specialty Farming**
405.885 PEANUT-PICKER OPERATOR (agric.)
409. **Plant Farming, n.e.c.**
409.885 DINKEY-PRESS MAN (agric.)
41 ANIMAL FARMING
411. **Dairy Farming**
411.885 MILKING-MACHINE OPERATOR (agric.)
42 MISCELLANEOUS FARMING AND RELATED WORK
429. **Miscellaneous Farming and Related Work, n.e.c.**
429.885 LABORER, SEED CORN (agric.)
THRESHER HAND, BROOMCORN (agric.)
44 FORESTRY
449. **Forestry, n.e.c.**
449.885 WREATH-MACHINE OPERATOR (forestry)
46 AGRICULTURAL SERVICES
461. **Cotton Ginning and Compressing**
461.885 GINNER (agric.)
50 METAL PROCESSING
500. **Electroplating**
500.885 ETCHER, ELECTROLYTIC (cut. tools)
PLATER, PRODUCTION (electroplating)
ZINC-PLATING - MACHINE OPERATOR (electroplating)
501. **Dip Plating**
501.885 PLATER, HOT DIP (galvanizing)
GALVANIZER (galvanizing)
WIRE-COATING OPERATOR, METAL (wire)
TINNER, CERAMIC CAPACITORS (electronics)
TINNING-EQUIPMENT TENDER (elec. equip.)
502. **Melting, Pouring, Casting, and Related Work**
502.885 LEAD-SLUG CASTER (rubber goods)
METAL MAN (print. & pub.; type founding)
MOLDER, LEAD INGOT (ammunition)
WIRE-WHEEL OPERATOR (nonfer. metal alloys)
503. **Pickling, Cleaning, Degreasing, and Related Work**
503.885 BARREL ATTENDANT, LAP BALL CLEANER (mach. mfg.)
DIP-LUBE OPERATOR (ammunition)
DRIFTER (iron & steel)
FLAME DEGREASER (auto. ser.)
FURNACE-AND-WASH-EQUIPMENT OPERATOR (ammunition)
METAL CLEANER, IMMERSION (any ind.)
METAL-WASHING-MACHINE OPERATOR (refrigerat. equip.)
SANDBLAST OPERATOR (ammunition)
SANDBLAST-OR-SHORTBLAST-EQUIPMENT TENDER (any ind.)
STRIP-TANK TENDER (firearms)
TENDER, ULTRASONIC CLEANING EQUIPMENT (electronics)
504. **Heat Treating**
504.885 BASE-DRAW OPERATOR (ammunition)
BURNING-PLANT OPERATOR (ammunition)
CHARGER OPERATOR (iron & steel)
FLAME-HARDENING-MACHINE OPERATOR (heat treat.)
HEAT-TREATER HELPER (heat treat.)
INDUCTION-MACHINE OPERATOR (heat treat.)
LEAD BLOWER (paint & varn.)
PRODUCTION HARDENER (button)
REEL-BLADE-BENDER FURNACEMAN (agric. equip.)
RIVET HEATER (any ind.)
SLAB-DEPILER OPERATOR (iron & steel)
STEAM-BLACKENING FURNACE TENDER (electronics)
505. **Metal Spraying, Coating, and Related Work**
505.885 ALODIZE-MACHINE HELPER (nonfer. metal alloys & prod.)
BROWNING PROCESSOR (firearms)
CERAMIC COATER, MACHINE (any ind.)
COATER OPERATOR (tinware)
COMPOUND MIXER (tinware)
LACQUER-DIPPING-MACHINE OPERATOR (button)
LUBRICATING-MACHINE TENDER (ammunition)
METAL-SPRAYING-MACHINE OPERATOR, AUTOMATIC (any ind.) II
VACUUM-METALIZER OPERATOR (any ind.)
509. **Metal Processing, n.e.c.**
509.885 ELECTROSTATIC-SEPARATOR OPERATOR (iron & steel)
GETTERING - FILAMENT - MACHINE OPERATOR (elec. equip.)
IMPREGNATOR (iron & steel; nonfer. metal alloys)
KILN OPERATOR (iron & steel)
LUBRICATOR-GRANULATOR (iron & steel; nonfer. metal alloys)
PREFORMING-MACHINE OPERATOR (electronics)
SCRAP BALLER (iron & steel; nonfer. metal alloys)
SCRAP HANDLER (any ind.)
SHOT POLISHER AND INSPECTOR (ammunition)
TANKMAN (ore dress., smelt., & refin.)
51 ORE REFINING AND FOUNDRY WORK
510. **Mixing and Related Work**
510.885 MIXER (iron & steel; nonfer. metal alloys)
MIX-HOUSE MAN (ore dress., smelt., & refin.)
PUG-MILL OPERATOR (ore dress., smelt., & refin.)
510.885 Con. SINTER-MACHINE OPERATOR (iron & steel; ore dress., smelt., & refin.)
SLIME-PLANT OPERATOR (ore dress., smelt., & refin.) I
SLURRY-CONTROL MAN (ore dress., smelt., & refin.)
511. **Separating, Filtering, and Related Work**
511.885 AMALGAMATOR (ore dress., smelt., & refin.)
CLASSIFIER MAN (ore dress., smelt., & refin.)
CONDENSER MAN (ore dress., smelt., & refin.)
DEWATERER OPERATOR (ore dress., smelt., & refin.)
DRIER MAN (ore dress., smelt., & refin.)
DUST-COLLECTOR ATTENDANT (mining & quarrying)
FLOTATION MAN (ore dress., smelt., & refin.)
HYDRATE-CONTROL MAN (ore dress., smelt., & refin.)
IRON-LAUNDER OPERATOR (ore dress., smelt., & refin.)
KETTLEMAN (ore dress., smelt., & refin.) II
KETTLEMAN, GOLD (ore dress., smelt., & refin.)
KETTLEMAN, PLATINUM AND PALLADIUM (ore dress., smelt., & refin.)
MOLYBDENUM-STEAMER OPERATOR (ore dress., smelt., & refin.)
PRECIPITATOR (ore dress., smelt., & refin.) I
PRECIPITATOR (ore dress., smelt., & refin.) II
SCREEN OPERATOR (ore dress., smelt., & refin.)
SLIME-PLANT OPERATOR (ore dress., smelt., & refin.) II
SLIME-PLANT-OPERATOR HELPER (ore dress., smelt., & refin.)
TABLEMAN (ore dress., smelt., & refin.)
THICKENER OPERATOR (ore dress., smelt., & refin.)
TOP-PRECIPITATOR OPERATOR (ore dress., smelt., & refin.)
TROMMEL MAN (ore dress., smelt., & refin.)
ZINC-CHLORIDE OPERATOR (ore dress., smelt., & refin.)
512. **Melting**
512.885 FURNACE TENDER (found.; nonfer. metal alloys)
NOZZLEMAN (nonfer. metal alloys)
POTMAN (ore dress., smelt., & refin.)
RECLAMATION-MAN, METAL (ore dress., smelt., & refin.)
513. **Roasting**
513.885 KILN OPERATOR (ore dress., smelt., & refin.)
SINTER FEEDER (iron & steel)
514. **Pouring and Casting**
514.885 CENTRIFUGAL-CASTING-MACHINE OPERATOR (found.) I
CENTRIFUGAL-CASTING-MACHINE OPERATOR (found.) II
DIE-CASTING-MACHINE OPERATOR (found.) II
DIE-CASTING-MACHINE OPERATOR (toys & games)
LIMEMAN (iron & steel)
NOZZLE-AND-SLEEVE MAN (nonfer. metal alloys)
TUBE-CLEANING OPERATOR (found.)
515. **Crushing and Grinding**
515.885 BATCH MAKER (iron & steel; nonfer. metal alloys)
CRUSHER MAN (ore dress., smelt., & refin.)
SCALE-RECLAMATION MAN (ore dress., smelt., & refin.)
STAMPMAN (ore dress., smelt., & refin.)
WEIGHER-AND-CRUSHER MAN (ore dress., smelt., & refin.)
518. **Molding, Coremaking, and Related Work**
518.885 COREMAKER, MACHINE (found.) I
COREMAKER, MACHINE (found.) II
COREMAKER, MACHINE (found.) III
CORE-OVEN TENDER (found.)
SHELL-MOLD BONDING-MACHINE OPERATOR (found.)
SHELL MOLDER (found.)
519. **Ore Refining and Foundry Work, n.e.c.**
519.885 BRIQUETTING-MACHINE OPERATOR (ore dress., smelt., & refin.)
DIGESTION OPERATOR (ore dress., smelt., & refin.)
FLUX MIXER (nonfer. metal alloys; ore dress., smelt., & refin.)
GRANULATOR MAN (iron & steel)

519.385 Con. GRINDER-MILL OPERATOR (ore dress., smelt., & refin.)
GROUTMAN (ore dress., smelt., & refin.)
HARDNESS TESTER (mining & quarrying)
KETTLEMAN (ore dress., smelt., & refin.) I
KETTLE OPERATOR (ore dress., smelt., & refin.)
MUD BOSS (ore dress., smelt., & refin.)
MUD-MILL MAN (ore dress., smelt., & refin.)
RECOVERY-OPERATOR HELPER (ore dress., smelt., & refin.)
ROD-MILL MAN (cement; fertilizer; graphite; ore dress., smelt., & refin.)
SAMPLE TESTER-GRINDER (mining & quarrying)
STANDPIPE MAN (coke prod.)
TANK-HOUSE-MAN HELPER (ore dress., smelt., & refin.)
WET-PLANT OPERATOR (ore dress., smelt., & refin.)

52 PROCESSING, FOOD AND RELATED PRODUCTS

520. Mixing, Compounding, Blending, Kneading, Shaping, and Related Work

520.885 BATTER MIXER (bake. prod.)
BATTER MIXER (food prep., n.e.c.)
BLENDER (bake. prod.)
BLENDER-MACHINE OPERATOR (oils & fats)
BLENDER, SNUFF (tobacco)
BLENDING-LINE ATTENDANT (tobacco)
BLENDING-TANK TENDER (flav. ext. & sirup)
BRINE-MIXER OPERATOR, AUTOMATIC (can. & preserv.)
BROTH MIXER (bake. prod.)
CAKE FORMER (oils & fats)
CAKE STRIPPER (oils & fats)
CANDY-MAKER HELPER (confection.) I
CANDY PULLER (confection.)
CASING-FLUID TENDER (tobacco)
CASTING-MACHINE OPERATOR (confection.) I
CASTING-MACHINE OPERATOR (dairy prod.)
TRAY CASTING MACHINE OPERATOR (dairy prod.)
CHOPPING-MACHINE OPERATOR (slaught. & meat pack.)
CHURN-AND-MILK MAN (oils & fats)
CHURNER (oils & fats)
COCOA-POWDER MIXER OPERATOR (choc. & cocoa)
CONFECTIONERY-DROPS-MACHINE OPERATOR (choc. & cocoa; confection.)
COOKER, CASING (tobacco)
COOLER MAN (sugar)
DIVIDING-MACHINE OPERATOR (bake. prod.)
DOUGH-BRAKE-MACHINE OPERATOR (bake. prod.)
DRESSING-MACHINE OPERATOR (tobacco)
FEED BLENDER (corn prod.)
FEED MIXER (grain & feed mill.)
FEEDER OPERATOR, AUTOMATIC (grain & feed mill.)
FLAKING-ROLL OPERATOR (cereal)
FLOUR BLENDER (grain & feed mill.)
FLOUR MIXER (grain & feed mill.)
GRAIN MIXER (grain & feed mill.)
GREEN-COFFEE BLENDER (food prep., n.e.c.)
ICING MIXER (bake. prod.)
KETTLEMAN (chew. gum)
LOZENGE-DOUGH MIXER (confection.)
LUMP-MACHINE OPERATOR (tobacco)
MASH GRINDER (dairy prod.)
MILL FEEDER (grain & feed mill.)
MINGLER OPERATOR (sugar)
MIXER (food prep., n.e.c.)
MIXER-AND-BLENDER (food prep., n.e.c.)
MIXER, CHILI POWDER (food prep., n.e.c.)
MIXER, DRY-FOOD PRODUCTS (food prep., n.e.c.)
MIXER OPERATOR (choc. & cocoa)
MIXER OPERATOR (flav. ext. & sirup)
MIXER OPERATOR (salt production)
MIXER, WHIPPED TOPPING (food. prep., n.e.c.)
MIXING-MACHINE OPERATOR (can. & preserv.)
MIXING-MACHINE OPERATOR (food prep., n.e.c.)
MIXING-TANK OPERATOR (oils & fats)
PELLET-MILL OPERATOR (grain & feed mill.)
PLUG SHAPER, HAND (tobacco)
POTTER (tobacco)

520.885 Con. PRESSER (corn prod.)
PRESSMAN (macaroni & rel. prod.)
PRESS OPERATOR, MEAT (slaught. & meat pack.)
PRETZEL-TWISTING-MACHINE OPERATOR (bake. prod.)
REFINED-SIRUP OPERATOR (sugar)
ROLLING-MACHINE OPERATOR (confection.)
SAUSAGE MAKER (slaught. & meat pack.)
SAUSAGE MIXER (slaught. & meat pack.)
SIRUP MAKER (flav. ext. & sirup)
SNUFF-BLENDING-MACHINE OPERATOR (tobacco)
SPICE MIXER (food prep., n.e.c.)
STARCHMAKER (corn prod.)
STARCH-TREATING ASSISTANT (corn prod.)
STUFFER (slaught. & meat pack.)
BULK-SAUSAGE-STUFFING-MACHINE OPERATOR (slaught. & meat pack.)
MOLDER, MEAT (slaught. & meat pack.)
SWEET-GOODS-MACHINE OPERATOR (bake. prod.)
TUMBLER TENDER (food prep., n.e.c.)
YEAST CUTTER (food prep., n.e.c.)

521. Separating, Crushing, Milling, Chopping, Grinding, and Related Work

521.885 ALMOND-BLANCHER OPERATOR (nut process.)
ALMOND-CUTTING-MACHINE TENDER (nut process.)
ALMOND-GRINDING-MACHINE OPERATOR (nut process.)
ALMOND HULLER (agric.)
BLEACHER, LARD (oils & fats; slaught. & meat pack.)
BOLTER (grain & feed mill.)
BREAKING-MACHINE OPERATOR (chew. gum)
BRINE-TANK-SEPARATOR OPERATOR (can. & preserv.)
CELLARMAN (vinous liquors)
CENTRIFUGAL-STATION OPERATOR, AUTOMATIC (sugar)
CENTRIFUGE OPERATOR (can. & preserv.; oils & fats)
CENTRIFUGE OPERATOR (corn prod.)
CENTRIFUGE OPERATOR (dairy prod.)
CENTRIFUGE OPERATOR (food prep., n.e.c.)
CLARIFIER (corn prod.; oils & fats)
CLARIFIER (vinous liquors)
CLARIFIER OPERATOR (sugar)
CLEAN-RICE GRADER AND REEL TENDER (grain & feed mill.)
COCOA-BEAN CLEANER (choc. & cocoa)
COCOA-BUTTER FILTER OPERATOR (choc. & cocoa)
COCOA-ROOM OPERATOR (choc. & cocoa)
COFFEE GRINDER (food prep., n.e.c.)
CORN GRINDER (food prep., n.e.c.)
CORN-GRINDER OPERATOR, AUTOMATIC (corn prod.)
CRACKING-AND-FANNING-MACHINE OPERATOR (choc. & cocoa)
CRUSHING-MACHINE OPERATOR (vinous liquors)
CUTTER, FROZEN MEAT (can. & preserv.)
CUTTING-MACHINE OPERATOR (confection.)
EGG-BREAKING-MACHINE OPERATOR (slaught. & meat pack.)
ELECTRIC-SORTING-MACHINE OPERATOR (nut process.)
EXTRACTOR-MACHINE OPERATOR (flav. ext. & sirup)
FEED GRINDER (grain & feed mill.)
FILTERMAN (vinous liquors)
FILTERMAN, HEAD (corn prod.)
FILTERMAN HELPER (corn prod.)
FILTERMAN HELPER, HEAD (corn prod.)
FILTERMAN, JELLY (can. & preserv.)
FLOORMAN (grain & feed mill.)
FRUIT-PRESS OPERATOR (can. & preserv.; flav. ext. & sirup)
GLUTEN-SETTLING MAN (corn prod.)
GRADER MAN (agric.)
GRANULATING-MACHINE OPERATOR (tobacco)
GRANULATOR MAN (sugar)
GRATED-CHEESE MAKER (dairy prod.)
GRINDER OPERATOR (cereal)
GRINDER TENDER (grain & feed mill.)
HASHER OPERATOR (slaught. & meat pack.)
HONEY EXTRACTOR (food prep., n.e.c.)

521.885 Con. HOPPER ATTENDANT (sugar)
HOP STRAINER (malt liquors)
HOT-WORT TANKMAN (malt liquors)
KEY WASHERMAN (can. & preserv.)
LABORATORY MILLER (grain & feed mill.)
LINTERMAN (oils & fats)
LIQUOR-BRIDGE OPERATOR (sugar)
LIQUOR-GRINDING-MILL OPERATOR (choc. & cocoa)
LYE-PEEL OPERATOR (can. & preserv.)
MASH-FILTER OPERATOR (malt liquors)
MEAT-GRADING-MACHINE OPERATOR (nut process.)
MEAT GRINDER (slaught. & meat pack.)
MILK-POWDER GRINDER (dairy prod.)
MILLER (malt liquors)
MILLMAN (sugar)
MILLMAN HELPER, DISTILLERY (distilled liquors)
MILL OPERATOR (corn prod.)
MONITOR-AND-STORAGE-BIN TENDER (grain & feed mill.)
NUT-GRADING-MACHINE OPERATOR (nut process.)
PANMAN (oils & fats)
PEANUT BLANCHER (nut process.)
POTATO-PEELING-MACHINE OPERATOR (food prep., n.e.c.)
POWDER-MILL OPERATOR (sugar)
PRESSMAN, HEAD (corn prod.)
PRESSMAN, HEAD, FEED HOUSE (corn prod.)
PRESS OPERATOR (distilled liquors)
PROCESSOR, GRAIN (grain & feed mill.)
PULPER TENDER (can. & preserv.)
PULP-PRESS MAN (sugar)
RAISIN WASHER (food prep., n.e.c.)
RIDDLER OPERATOR (tobacco)
ROUGH-RICE TENDER (grain & feed mill.)
SACCHARATE-FILTRATION MAN (sugar) I
SAND-SCREEN OPERATOR, AUTOMATIC (tobacco)
SCREEN-ROOM OPERATOR (sugar)
SEPARATOR MAN (corn prod.)
SEPARATOR OPERATOR (glue)
SEPARATOR OPERATOR, SHELLFISH MEATS (can. & preserv.)
SHELLER (nut process.) II
SIEVE-GRADER TENDER (can. & preserv.)
SLICE-PLUG-CUTTER OPERATOR (tobacco)
SLICING-MACHINE OPERATOR (bake. prod.)
SLICING-MACHINE OPERATOR (slaught. & meat pack.)
SMOKING-TOBACCO-CUTTER OPERATOR (tobacco)
SNUFF GRINDER (tobacco)
SNUFF SCREENER (tobacco)
SOFT-SUGAR OPERATOR, HEAD (sugar)
SORTING-MACHINE OPERATOR (can. & preserv.)
SPICE CLEANER (food prep., n.e.c.)
SPICE MILLER (food prep., n.e.c.)
STEMMER, MACHINE (tobacco)
STEM-ROLLER-OR-CRUSHER OPERATOR (tobacco)
STRIP-CUTTING-MACHINE OPERATOR (tobacco)
STRIPPER-CUTTER, MACHINE (macaroni & rel. prod.)
SUGAR-CHIPPER-MACHINE OPERATOR (corn prod.)
SUGAR GRINDER (sugar)
SUGAR-MILL OPERATOR (tobacco)
SUGAR PRESSER (corn prod.)
THRESHER (tobacco)
TIPPLE-MACHINE MAN (corn prod.)
UTILITY MAN (grain & feed mill.)
WINTERIZER (oils & fats)

522. Culturing, Melting, Fermenting, Distilling, Saturating, Pickling, Aging, and Related Work

522.885 BARLEY STEEPER (malt liquors)
BRINE MAKER (can. & preserv.) I
CARBONATION MAN (malt liquors)
CASING-MACHINE OPERATOR (tobacco)
CORN COOKER (food prep., n.e.c.)
CURING-BIN OPERATOR (cereal)
DE-ALCOHOLIZER (malt liquors)
DROPPER, FERMENTING CELLAR (malt liquors)
DRUM MAN (malt liquors) I
FERMENTER, WINE (vinous liquors)
FILTER TENDER (corn prod.)

522.885 Fish Smoker (can. & preserv.)
Con. Germination Worker (malt liquors)
Honey Processor (food prep., n.e.c.)
Malt-House Operator (malt liquors)
Molasses Preparer (food prep., n.e.c.)
Nicotine Extractor (tobacco)
Pumper (slaught. & meat pack.)
Seed-Yeast Operator (food prep., n.e.c.)
Steepman (corn prod.)
Sugar-Processing-Equipment Tender (sugar)
Vacuum-Conditioner Operator (tobacco)
Wringer Operator (tobacco)
Yeast-Fermentation Man (food prep., n.e.c.)
Yeast Pusher (malt liquors)

523. Heating, Rendering, Melting, Drying, Cooling, Freezing, and Related Work

523.885 Batch Freezer (dairy prod.)
Blanching-Machine Operator (can. & preserv.)
Brine Maker (can. & preserv.) II
Butter Liquefier (oils & fats)
Chocolate Temperer (bake. prod.)
Coffee Roaster (food prep., n.e.c.)
Coffee Roaster, Continuous Process (food prep., n.e.c.)
Cook-Box Filler (slaught. & meat pack.)
Cooker, Meal (oils & fats)
Cooler Operator (tobacco)
Cooler Tender (corn prod.)
Cooling-Machine Operator (malt liquors)
Cooling-Pan Tender (can. & preserv.)
Crystallizer Operator (corn prod.)
Crystallizer Operator (sugar)
Dehydrator Man (can. & preserv.)
Drier Attendant (corn prod.; grain & feed mill.)
Feed-Drier Man (corn prod.)
Sugar Drier (corn prod.)
Drier, Long Goods (macaroni & rel. prod.)
Drier Man (nut process.)
Drier Operator (can. & preserv.)
Drier Tender (oils & fats) I
Fireman, Kiln (sugar)
Fish Broiler (can. & preserv.)
Grain Drier (malt liquors)
Grain-Drier Operator (corn prod.; grain & feed mill.)
Grain-Wafer-Machine Operator (bake. prod.)
Icemaker (ice)
Instantizer Operator (dairy prod.)
Pasteurizer (malt liquors)
Pasteurizer (oils & fats)
Pressure-Tank Operator (glue)
Pulp-Drier Fireman (sugar)
Render Man (slaught. & meat pack.)
Roaster, Grain (cereal)
Roller-Room Man (slaught. & meat pack.)
Starchmaker (garment)
Sterilizer Operator (dairy prod.)
Tobacco-Drier Operator (tobacco)
Toaster Operator (tobacco)
Wine Pasteurizer (vinuous liquors)

524. Coating, Icing, Decorating, and Related Work

524.885 Cheese Sprayer (confection.)
Coating Operator (cereal)
Cracker Sprayer (bake. prod.)
Enrobing-Machine Operator (bake. prod.)
Icer, Machine (bake. prod.)
Sanding-Machine Operator (confection.)
Trolley Operator (bake. prod.)

525. Slaughtering, Breaking, Curing, and Related Work

525.885 Casing - Running - Machine Operator (slaught. & meat pack.)
Dehairing-Machine Tender (slaught. & meat pack.)
Hide Puller (slaught. & meat pack.)
Linking-Machine Operator (slaught. & meat pack.)
Skin-Peeling-Machine Operator (slaught. & meat pack.)

526. Cooking and Baking, n.e.c.

526.885 Cook (slaught. & meat pack.)
Cooker (cereal)
Cooker, Process Cheese (dairy prod.)

526.885 Cook, Fry, Deep Fat (can. & preserv.; hotel & rest.)
Con. Cook, Vacuum Kettle (can. & preserv.)
Kettleman (malt liquors) I
Ovenman (bake. prod.)
Oven Operator (cereal)
Pan Greaser, Machine (bake. prod.)
Pie Maker, Machine (bake. prod.)
Popcorn-Candy Maker (confection.)
Popper (confection.)
Potato-Chip Frier (food prep., n.e.c.)
Pretzel Cooker (bake. prod.)
Relish Maker (can. & preserv.)
Thermoscrew Operator (can. & preserv.)
Tripe Cooker (slaught. & meat pack.)
Wafer-Machine Operator (bake. prod.)
Wort Extractor (dairy prod.)

529. Processing, Food and Related Products, n.e.c.

529.885 Auto Roller (tobacco)
Batch Man (corn prod.)
Binder Layer (tobacco)
Blender-Conveyor Operator (dairy prod.)
Blow-Up Man (sugar)
Brine-Tank Man (dairy prod.)
Bulker, Cut Tobacco (tabocco)
Bunch Maker, Machine (tobacco)
Butt Maker (tobacco)
Can-Conveyor Feeder (food prep., n.e.c.)
Char Beltman (sugar)
Cheese Cutter (dairy prod.)
Chocolate Molder, Machine (choc. & cocoa)
Cigarette-Filter-Making-Machine Operator (tobacco)
Cigarette-Making-Machine Operator (tobacco)
Cigar-Head Piercer (tobacco)
Coloring-Room Man (whole. tr.)
Decay-Control Operator (whole. tr.)
Container Washer, Machine (any ind.)
Control-Room Man (sugar)
Corn-Press Operator (food prep., n.e.c.)
Cutter (macaroni & rel. prod.)
Defective-Cigarette Slitter (tobacco)
Deoiling-Machine and Pasteurizing-Machine Operator (flav. ext. & sirup)
Drier, Belt Conveyor (food prep., n.e.c.)
Drier Operator, Drum (food prep., n.e.c.)
Dumping-Machine Operator (can. & preserv.; whole. tr.)
Expeller Operator (corn prod.; grain & feed mill.; oils & fats)
Filler Shredder, Machine (tobacco)
Filter Machine Operator (tobacco)
Fish-Cake Maker (food prep., n.e.c.)
Flavor Man (cereal)
Flavor-Room Man (dairy prod.)
Freezer-Man Helper (dairy prod.)
Ham-Rolling-Machine Operator (slaught. & meat pack.)
Horseradish Maker (can. & preserv.)
Ice Cutter (ice)
Iron-Chink Man (can. & preserv.)
Knife Changer (tobacco)
Laborer, Starch Factory (grain & feed mill.)
Lard Refiner (oils & fats; slaught. & meat pack.)
Noodle Maker (macaroni & rel. prod.)
Nut Roaster (nut process.)
Peanut-Butter Maker (can. & preserv.; food prep., n.e.c.)
Plug-Cutting-Machine Operator (tobacco)
Plug Moldman (tobacco)
Preservative Filler, Machine (can. & preserv.)
Raw-Juice Weigher (sugar)
Sack Sterilizer (grain & feed mill.)
Sandwich-Machine Operator (dairy prod.)
Shellfish-Processing-Machine Tender (can. & preserv.)
Spreader Operator, Automatic (tobacco)
Sucker-Machine Operator (confection.)
Tablet-Machine Operator (dairy prod.)
Tankman (distilled liquors)
Tankman (sugar)
Tapper (malt liquors)
Tenderometer Operator (can. & preserv.)
Votator-Machine Operator (oils & fats; slaught. & meat pack.)

529.885 Washer, Agricultural Produce (agric.; can.
Con. & preserv.; whole. tr.)
Washerman (sugar)
Wash-House Man (malt liquors)
Weight-Tank Operator (oils & fats)
Wet and Dry Sugar Bin Operator (sugar)
Wheat Cleaner (cereal)
Wrapper Layer (tobacco)
Wrapper-Layer and Examiner, Soft Work (tobacco)
Yeast Washer (food prep., n.e.c.)

53 PROCESSING, PAPER AND RELATED MATERIALS

530. Grinding, Beating, and Mixing

530.885 Beater-Engineer Helper (paper & pulp)
Block-Splitter Operator (paper & pulp)
Coating Mixerman (paper & pulp)
Pulper (paper & pulp)
Pulp-Slurry Mixer (wallboard)
Transfer Operator (paper & pulp)

532. Cooking and Drying

532.885 Back Tender, Insulation Board (wallboard)
Drier Operator (paper & pulp)
Evaporator Operator (paper & pulp)
Matrix Drier Man (paper & pulp)
Moisture-Conditioner Operator (paper & pulp)
Pulp-Press Man (paper & pulp)

533. Cooling, Bleaching, Screening, Washing, and Related Work

533.885 Bleach-Boiler Filler (paper & pulp)
Blow-Pit Man (paper & pulp)
Brown-Stock Washer (paper & pulp)
Save-All Operator (paper & pulp)
Screenman, Chips (paper & pulp)
Screen Tender (paper & pulp)
Thrasher Feeder (paper & pulp)
Washer Engineer (paper & pulp)

534. Calendering, Sizing, Coating, and Related Work

534.885 Creping-Machine Operator (paper goods)
Dampener Operator (paper & pulp)
Friction-Paint-Machine Tender (match)
Oiling-Machine Operator (paper & pulp)
Oven Tender (ammunition)
Paper Coater (paper & pulp)
Paraffin-Machine Operator (paper goods)
Recoating-Machine Operator (wallpaper)
Screenman (paper & pulp)
Varnishing-Machine Operator (print. & pub.)
Wet-End Helper (wallboard)

535. Forming, n.e.c.

535.885 Extruder Operator (particle board)
Plate Worker (paper & pulp)
Screen Handler (paper & pulp)
Wheelabrator Operator (wallboard)

539. Processing, Paper and Related Materials, n.e.c.

539.885 Balerman (paper & pulp)
Coater Operator, Insulation Board (wallboard)
Cooker Man (paper & pulp)
Film-Making-Machine Tender (photo. apparatus)
Pump-Press Operator (paper & pulp)
Reeler (wallpaper)
Wet-Machine Tender (paper & pulp)
Winder-Man Helper (paper & pulp)

54 PROCESSING, PETROLEUM AND RELATED PRODUCTS

540. Mixing and Blending

540.885 Asphalt-Mixer Man (const.)
Mixer Operator, Carbon Paste (elec. equip.; ore dress., smelt., & refin.)
Screener-and-Blender Operator (elec. equip.)

541. Filtering, Straining, and Separating

541.885 Centrifuge-Separator Tender (nonfer. metal alloys)
Heavy-Media Operator (mining & quarrying)
Screenman (coke prod.)

542. Distilling, Subliming, and Carbonizing

542.885 Calcine Operator (elec. equip.)
Fireman, Furnace (bone, carbon, & lampblack)
Oven-Heater Helper (coke prod.)
Plant Operator, Channel Process (bone, carbon, & lampblack)
Sublimer (coal tar prod.)

542.885 UNIT OPERATOR (bone, carbon, & lampblack)
Con. WASH-OIL-PUMP OPERATOR HELPER (coke prod.)

543. Drying, Heating, and Melting

543.885 ASPHALT-PLANT DRIER OPERATOR (const.)
BACKING-IN-MACHINE OPERATOR (linoleum)
BULLET-LUBRICANT MIXER (ammunition)
GRAPHITE PAN-DRIER TENDER (graphite)
GREASE MAKER (iron & steel)
THAW-SHED OPERATOR (coke prod.)
WAX-POT TENDER (found.)

544. Grinding and Crushing

544.885 BREAKER TENDER (coke prod.)
GRINDER, CARBON PLANT (ore dress., smelt., & refin.)

546. Reacting, n.e.c.

546.885 GAS TREATER (any ind.)
THERMALENE-GAS-PLANT OPERATOR (comp. & liquefied gases)

549. Processing, Petroleum, and Related Products n.e.c.

549.885 ACETYLENE-CYLINDER-PACKING MIXER (comp. & liquefied gases)
ACETYLENE-PLANT OPERATOR (comp. & liquefied gases)
COATER, SLATE (roof. materials)
DEHYDRATOR OPERATOR, PEAT (agric.)
GAS WORKER (comp. & liquefied gases) VI
MOLDER, WAX (petrol. refin.)
REELER (roof. materials)
TREATER HELPER (petrol. refin.)
UTILITY OPERATOR (comp. & liquefied gases)
WAX MOLDER (found.; jewelry)

55 PROCESSING, CHEMICALS AND RELATED PRODUCTS

550. Mixing and Blending

550.885 ACID MAN (explosives)
BATCH MIXER (soap)
BINDER TECHNICIAN (glass mfg.)
BLENDER (coal tar prod.) I
BLENDER (explosives)
TETRYL-BLENDER OPERATOR (explosives)
BLENDER (fabric. plastics prod.; plastics mat.)
BRINEMAN (chem.)
BRINEMAN, POTASH (cbem.)
POWER-HOUSE HELPER (bone, carbon, & lampblack)
CD-MIXER (rubber reclaim.)
CELLOPHANE-BATH MIXER (plastics mat.)
CEMENT MIXER (rubber goods; rubber tire & tube)
CHEMICAL MIXER (knit goods; textile)
CORRECTION MAN (synthetic fibers) II
CHURN MAN (synthetic fibers)
TANKROOM MAN (synthetic fibers) I
COATING OPERATOR (chem.)
COLOR MIXER (fabric. plastics prod.; plastics mat.)
COLOR-PASTE MIXER (textile)
COMPOSITION MIXER (linoleum)
COMPOUNDER (drug. prep. & rel. prod.; soap)
COMPOUNDER (rubber goods)
COMPOUND FINISHER (match)
CRUTCHER (soap)
DISULFURIZER FLOORMAN (plastics mat.)
DOPP-MACHINE OPERATOR (drug. prep. & rel. prod.)
DUSTLESS OPERATOR (bone, carbon, & lampblack)
GLUE BLENDER (glue)
GROUND MIXER (wallpaper)
LIME-SLUDGE MIXER (paper & pulp)
MAKE-READY MAN (match)
MILLMAN (rubber goods; rubber reclaim.; rubber tire & tube)
APRON-MILL TENDER (rubber reclaim.)
MIX-MILL MAN (rubber goods; rubber tire & tube)
MIXER (artif. leather)
MIXER (comp. & liquefied gases)
MIXER (fertilizer)
WET MIXER (fertilizer)
MIXER (insecticides)
MIXER, FOAM RUBBER (rubber goods)
MIXER OPERATOR (chem.)
MIXING-MACHINE OPERATOR (any ind.)
CHEMICAL PREPARER (electronics)
MIXING MAN (matcb)

550.885 MIXING-MACHINE OPERATOR (clean. & polish. prod.)
Con. MIXING-MACHINE OPERATOR (fabric. plastics prod.; plastics mat.)
MOTTLER OPERATOR (linoleum)
OINTMENT-MILL TENDER (drug. prep. & rel. prod.)
PAINT-AND-SOLUTION MIXER (bal. & scales)
PAINT MIXER, MACHINE (any ind.)
PAINT THINNER (mirror)
PASTE MIXER (elec. equip.)
PASTE MIXER, LIQUID (elec. equip.)
PIGMENT BLENDER (rubber goods; rubber tire & tube) I
POWDER BLENDER AND POURER (ammunition)
PRIMER-POWDER BLENDER, DRY (ammunition)
REAGENT MAN (ore dress., smelt., & refin.)
RESIN COMPOUNDER, BATCH LOT (plastics mat.)
ROLL-TENDER HELPER (glue)
SOLUTION MAN (plastics mat.)
SOLUTION MIXER (electronics)
TETRYL-DISSOLVER OPERATOR (explosives)
THINNER (paint & varn.)
TRACER-POWDER BLENDER (ammunition)
TUMBLER OPERATOR (fireworks)
WAX BLENDER (candle)
WEIGHER AND MIXER (ink)

551. Filtering, Straining, and Separating

551.885 BAND TUMBLER (rubber goods)
BEATER OPERATOR (explosives)
BOILING-TUB OPERATOR (explosives)
BONE-COOKING OPERATOR (glue)
CATALYST-RECOVERY OPERATOR (chem.; oils & fats)
CENTRIFUGE OPERATOR (paint & varn.)
CENTRIFUGE OPERATOR (soap)
CENTRIFUGE-SEPARATOR OPERATOR (glue)
CHILLER OPERATOR (chem.)
COMPOUND-SIFTER OPERATOR (rubber goods; rubber tire & tube)
COTTON-WRINGER OPERATOR (explosives)
DEHYDRATING-PRESS OPERATOR (ammunition; explosives; plastics mat.)
EXTRACTOR-AND-WRINGER OPERATOR (coal tar prod.)
EXTRACTOR OPERATOR (drug. prep. & rel. prod.)
EXTRACTOR OPERATOR (glue; grease & tallow)
EXTRACTOR OPERATOR, SOLVENT PROCESS (chem.)
FAT-PURIFICATION WORKER (oils & fats; soap)
FILTER HELPER (bone, carbon, & lampblack)
FILTER-TANK OPERATOR (coal tar prod.)
GREASE-REFINER OPERATOR (grease & tallow)
LEACHER (paper & pulp)
LYE TREATER (chem.; soap)
MERCURY PURIFIER (chem.)
MERCURY WASHER (chem.)
NAPHTHALENE OPERATOR (coke prod.)
NITROGLYCERIN-SEPARATOR OPERATOR (explosives)
PAN HELPER (chem.)
PIGMENT PRESSER (chem.)
POACHER OPERATOR (ammunition; explosives)
PONDMAN (salt production)
PRECIPITATE WASHER (chem.)
PRESS OPERATOR (chem.)
PRESS OPERATOR (grease & tallow)
PURIFICATION OPERATOR (coal tar prod.) I
CLARIFICATION OPERATOR (coal tar prod.)
PURIFICATION-OPERATOR HELPER (chem.)
RECOVERY MAN (soap)
REFINERMAN (rubber reclaim.; rubber tire & tube)
ROTARY-CUTTER OPERATOR (rubber goods)
SCREEN OPERATOR (chem.)
SECOND OPERATOR, FILTERMAN (chem.)
SEED-CLEANER OPERATOR (agric.; oils & fats)
SEPARATOR (ink)
SODA DIALYZER (synthetic fibers)
STRAINER TENDER (rubber reclaim)
TETRYL-SCREEN OPERATOR (explosivcs)
VACUUM-PAN OPERATOR (explosives) I
VACUUM-PAN OPERATOR (explosives) II
WASHERMAN (salt production)
WATER-TREATMENT-PLANT OPERATOR (ore dress., smelt., & refin.)
WAX BLEACHER (candle)

552. Distilling

552.885 ACETONE-RECOVERY WORKER (synthetic fibers)
BATCH-STILL OPERATOR (chem.) I
CRYSTALLIZER OPERATOR (explosives)
GLYCERIN OPERATOR (soap)
BATH-MIX OPERATOR (plastics mat.)
DEODORIZER (oils & fats)
DISTILLER (turp. & rosin)
RETORT-CONDENSER ATTENDANT (wood distil. & charc.)
STILL OPERATOR (leather mfg.)
STILL-OPERATOR HELPER (chem.)
SECOND OPERATOR (chem.)
STILL TENDER (any ind.)

553. Heating, Baking, Seasoning, Melting, and Heat Treating

553.885 BAGGER (fabric. plastics prod.)
BELT-PRESS OPERATOR (rubber goods) II
BLACK-ASH-CONVEYOR MAN (paper & pulp)
BLACK-MILL OPERATOR (bone, carbon, & lampblack)
BOILING-OUT-OVEN OPERATOR (plastics mat.)
BONE-DRIER OPERATOR (glue; grain & feed mill.)
BULK-SEALER OPERATOR (paper goods)
BURNER MAN (fertilizer)
CADMIUM-LIQUOR MAKER (paint & varn.)
CALCINE-FURNACE MAN (paint & varn.)
CALCINER HELPER (chem.)
CENTRIFUGAL-DRIER OPERATOR (chem.)
SULFATE DRIER-MACHINE OPERATOR (coke prod.)
CONTINUOUS-LINTER-DRIER OPERATOR (explosives)
COOK (glue)
COOKER MAN (grease & tallow; slaught. & meat pack.)
CRIMPING-MACHINE OPERATOR (textile) I
CRIMP SETTER (textile)
CURING-OVEN TENDER (ordnance)
DE-AMMONIATOR (rubber goods)
DEBUBBLIZER (plastics mat.)
DRIER (rubber goods)
DRIER OPERATOR (ammunition; explosives)
DRIER OPERATOR (chem.) I
PLASTICS-SEASONER OPERATOR (plastics mat.)
TRAY-DRIER OPERATOR (bone, carbon, & lampblack)
VACUUM-DRIER TENDER (chem.)
DRIER OPERATOR (chem.) III
DRIER OPERATOR (chem.) IV
DRIER OPERATOR (chem.; drug. prep. & rel. prod.)
DRUM-DRIER OPERATOR (bone, carbon, & lampblack)
DRIER OPERATOR (glue)
DRIER OPERATOR (plastics mat.) II
DRIER OPERATOR (rubber reclaim.)
DRIER-OPERATOR HELPER (glue)
DRIER TENDER (rubber goods)
DRYING-ROOM ATTENDANT (soap)
FIRE-HOSE CURER (rubber goods)
FIREMAN, BONE KILN (corn prod.)
FIREMAN HELPER (paper & pulp)
FIREMAN, RETORT (chem.; wood distil. & charc.)
HEATER TENDER (rubber goods; rubber tire & tube)
KETTLE WORKER (soap)
LIME-SLUDGE KILN OPERATOR (paper & pulp)
MILLED-RUBBER ATTENDANT (rubber goods; rubber tire & tube)
OVENMAN (elec. equip.)
OVENMAN, PLASTIC DOLLS (toys & games)
OVEN TENDER (furn.)
PIGMENT FURNACE TENDER (chem.)
POT-HEATER TENDER (rubber tire & tube)
PRIMER-DRYHOUSE MAN (ammunition)
RABBLE FURNACE MAN (bone, carbon, & lampblack)
ROTARY-FURNACE MAN (chem.)
RUBBER-TUBING SPLICER (rubber goods)
SOAP-DRIER OPERATOR (soap)
SPLICING-MACHINE OPERATOR (rubber tire & tube)
STEAM MAN (rubber goods) I

553.885 STEAM MAN (rubber goods) II
Con. THERMAL MOLDMAN (rubber goods)
TIRE-BAGGING-MACHINE TENDER (rubber tire & tube)
TIRE MOLDER (auto. ser.)
TUMBLER OPERATOR (rubber goods)
WATCHCASE-VULCANIZER TENDER (rubber tire & tube)
TIRE CUREMAN (rubber tire & tube)

554. **Coating, Calendering, Laminating, and Finishing**

554.885 BELTING FINISHER (narrow fabrics)
BUCKLE - STRAP - DRUM OPERATOR (rubber goods)
CALENDER - WIND UP MAN (rubber goods; rubber tire & tube)
CATHODE MAKER (chem.)
CELLOPHANE-FOLDING-MACHINE OPERATOR (fabric. prod., n.e.c.)
COATER OPERATOR (plastics mat.)
COATING-AND-BAKING OPERATOR (any ind.)
COMBINING-MACHINE OPERATOR (plastics mat.)
FINISHER, CHERRY BOMBS (fireworks)
LAMINATING-MACHINE OPERATOR (rubber goods)
LINER REROLL MAN (rubber goods; rubber tire & tube)
MILL-ROLL REWINDER (plastics mat.)
SIZING-MACHINE OPERATOR (abrasive & polish. prod.)
SLAB-OFF MAN (rubber goods; rubber tire & tube)
SPREADER MAN (rubber goods; rubber tire & tube)
SQUEEGEE MAN (rubber tire & tube)
STRAP-FOLDING-MACHINE OPERATOR (rubber goods)
STRIPPING-MACHINE OPERATOR (rubber goods)
VARNISH-MACHINE OPERATOR (rubber goods)
WIND-UP MAN, TREAD RUBBER (rubber tire & tube)

555. **Grinding and Crushing**

555.885 BONE CRUSHER (glue)
CHOPPERMAN (glue)
CRUSHER TENDER (linoleum)
CUTTER OPERATOR (plastics mat.)
DAUB GRINDER (artif. leather)
FINE GRINDER (rubber reclaim.)
GRINDER (fabric. plastics prod.; plastics mat.)
GRINDER (rubber reclaim.)
GRINDER OPERATOR (chem.)
MILL ATTENDANT (salt production)
MILLMAN (coal tar prod.)
MIX-CRUSHER OPERATOR (elec. equip.)
PELLET-PRESS OPERATOR (chem.)
PULVERIZER (coal tar prod.)
RUBBER GRINDER (rubber goods)
SCRATCHER TENDER (linoleum)
SECOND OPERATOR, MILLMAN (chem.)
SHREDDER OPERATOR (synthetic fibers)
SOAP GRINDER (soap)
WHEEL-MILL OPERATOR (explosives)

556. **Casting and Molding, n.e.c.**

556.885 AIR-BAG CUREMAN (rubber tire & tube)
BLOCK-PRESS OPERATOR (explosives)
BOWLING-BALL MOLDER (sports equip.)
CAKE-PRESS OPERATOR (plastics mat.)
CASTING-MACHINE-SERVICE OPERATOR (plastics mat.)
CASTING-ROOM OPERATOR (plastics mat.)
COMPRESSION - MOLDING - MACHINE TENDER (fabric. plastics prod.)
MOLD-PRESS OPERATOR (button)
CORRUGATOR OPERATOR (plastics mat.)
COSMETICS PRESSER (drug. prep. & rel. prod.)
DIPPER (rubber goods)
DIPPING-MACHINE OPERATOR (rubber goods)
INJECTION-MOLDING-MACHINE TENDER (fabric. plastics prod.)
MATTING PRESSMAN (rubber goods)
MOLDER, FOAM RUBBER (rubber goods)
MOLDER, PIPE COVERING (fabric. plastics prod.)
MOLDMAN, MACHINE (drug. prep. & rel. prod.)
PARADICHLOROBENZENE MAN (chem.)
PEARL-GLUE OPERATOR (glue)
PILLING-MACHINE OPERATOR (fabric. plastics prod.; plastics mat.)

556.885 RECORD-PRESS TENDER (phonograph)
Con. SLUG-PRESS OPERATOR (elec. equip.)
STAMPER (insecticides)
VACUUM PLASTIC-FORMING-MACHINE OPERATOR (fabric. plastics prod.)

557. **Extruding**

557.885. CORE-EXTRUDER (elec. equip.)
CUTTER MAN (synthetic fibers)
NOZZLEMAN (rubber goods)
SPINNER (synthetic fibers)
PROCESS MAN (synthetic fibers)
SECOND-FLOOR OPERATOR (synthetic fibers)
SPINNING-MACHINE OPERATOR (synthetic fibers)
SPINNING-BATH PATROLMAN (synthetic fibers)
TUBE-BUILDING-MACHINE OPERATOR (rubber goods)

558. **Reacting, n.e.c.**

558.885 ACID-PLANT HELPER (chem.)
ACID-POLYMERIZATION OPERATOR (chem.)
BALL-MILL OPERATOR (coal tar prod.)
BLEACHER OPERATOR (chem.; soap)
CATALYTIC - CONVERTER - OPERATOR HELPER (chem.)
CAUSTIC OPERATOR (paper & pulp)
CD-REACTOR OPERATOR (chem.)
CELL-TENDER HELPER (chem.)
CHAMBERMAN (chem.; fertilizer)
CHEMICAL OPERATOR (chem.) II
ABSORBER OUTSIDE HELPER (chem.)
ALKYLATION TOWERMAN (chem.; petrol. refin.)
CHEMICAL WORKER (ammunition)
COLD-ACID-UNIT OUTSIDE HELPER (chem.)
PHOSPHORIC-ACID OPERATOR (chem.)
REFORMER OPERATOR (chem.)
SECOND-CLASS OPERATOR, SULFATE (chem.)
SECOND OPERATOR, AMMONIUM (chem.)
SOLVENT-REMOVAL OPERATOR (chem.)
CONTACT-ACID-PLANT OPERATOR (chem.; fertilizer)
CUPROUS-CHLORIDE HELPER (chem.)
DEVULCANIZER TENDER (rubber reclaim.)
ELECTRIC-CELL MAN (chem.)
ION-EXCHANGE OPERATOR (glue)
ION-EXCHANGE OPERATOR (ore dress., smelt., & refin.)
KETTLEMAN, LEAD (chem.)
MVA-REACTOR OPERATOR (chem.)
NEUTRALIZER (soap)
NITRATOR OPERATOR (explosives; plastics mat.)
NITROGLYCERIN NEUTRALIZER (explosives)
POLYMERIZATION HELPER (plastics mat.)
POLYMERIZATION-OVEN OPERATOR (plastics mat.)
POLYSULFIDE-REACTOR OPERATOR (chem.)
RECOVERY OPERATOR (explosives)
RECOVERY OPERATOR (plastics mat.)
RED-LEAD BURNER (paint & varn.)
TOWER HELPER (chem.)
TWITCHELL OPERATOR (chem.)

559. **Processing, Chemicals and Related Products, n.e.c.**

559.885 ACID BOTTLER (elec. equip.)
ACID PURIFIER (coal tar prod.)
ALKALI WORKER (soap)
ALUMINUM - HYDROXIDE - PROCESS OPERATOR (chem.; drug. prep. & rel. prod.)
AMMONIUM-NITRATE CRYSTALLIZER (explosives)
AMPOULE FILLER (drug. prep. & rel. prod.)
AMPOULE-WASHING-MACHINE OPERATOR (drug. prep. & rel. prod.)
BEATER (plastics mat.)
BONE-PROCESS OPERATOR (bone, carbon, & lampblack)
BRINE-WELL OPERATOR (chem.)
BRIQUETTER OPERATOR (chem.)
CD-STORAGE-AND-MATERIALS MAKE-UP HELPER (chem.)
COMPRESSOR OPERATOR (salt production)
CRYSTALLIZER OPERATOR (chem.)
CYLINDER FILLER (comp. & liquefied gases)
DESMA LASTER (rubber goods)
DIGESTER OPERATOR (fertilizer)
DOPE-DRY-HOUSE OPERATOR (explosives)
DRIER-AND-PULVERIZER TENDER (chem.)
DRIER FEEDER (rubber reclaim.)

559.885 DRY-END OPERATOR (plastics mat.)
Con. DRY-HOUSE MAN (ammunition)
DUSTING-AND-BRUSHING-MACHINE OPERATOR (rubber goods)
EFFERVESCENT-SALTS COMPOUNDER (drug. prep. & rel. prod.)
ELECTRODE-CLEANING-MACHINE OPERATOR (elec. equip.)
EXTRACTOR-PLANT OPERATOR (bone, carbon, & lampblack; grease & tallow)
FABRIC NORMALIZER (rubber goods)
FERMENTER OPERATOR (drug. prep. & rel. prod.)
FISH-FERTILIZER OPERATOR (fertilizer)
FLAKER OPERATOR (chem.; coal tar prod.; ore dress., smelt., & refin.)
FOAM - MACHINE OPERATOR (fabric. plastics prod.; plastics mat.)
FORMING-MACHINE OPERATOR (needle, pin, & rel. prod.)
FORMULA WEIGHER (pen & pencil)
FOURDRINIER OPERATOR (plastics mat.)
FRAME STRIPPER (soap)
FREEZING-MACHINE OPERATOR (drug. prep. & rel. prod.)
FUSE MAKER (fireworks)
GLUE-MILL OPERATOR (glue)
GOLF-BALL-COVER TREATER (sports equip.)
GREASE-AND-TALLOW PUMPMAN (grease & tallow)
HYDRATOR OPERATOR (chem.; lime; mining & quarrying)
IMPREGNATOR OPERATOR (chem.)
KETTLEMAN, GUM MIXING (textile)
LABORER, GENERAL (paint & varn.)
LATEX SPOOLER (rubber goods)
LIME-KILN OPERATOR (paper & pulp)
LINSEED-OIL PRESSMAN (oils & fats; paint & varn.)
MIXER (clean. & polish. prod.)
NOODLE MAN (chem.)
OPENER (rubber goods) I
POWDER-CUTTING OPERATOR (explosives)
PRESSER (soap)
PRESSMAN (rubber goods; rubber tire & tube)
PRESS OPERATOR (comp. & liquified gases)
PRESS OPERATOR (rubber reclaim.)
PRESSROOM WORKER, FAT (grease & tallow)
REBRANDER (rubber goods) I
REFINING-MACHINE OPERATOR (oils & fats; soap)
RESTRICTIVE-PREPARATION OPERATOR (ordnance)
ROLLER-MILL TENDER (drug. prep. & rel. prod.)
RUBBER CUTTER (rubber goods; rubber tire & tube)
RUBBER-GOODS HELPER (rubber goods)
SCREENER-PERFUMER (soap)
SPLASH-LINE OPERATOR (linoleum)
SPREADING-MACHINE OPERATOR (glue)
TANK-FARM ATTENDANT (chem.)
TANKROOM MAN (synthetic fibers) II
TIRE RECAPPER (auto. ser.)
VACUUM-MIXING-MACHINE OPERATOR (plastics mat.)
VACUUM-PAN OPERATOR (salt production)
VAPORIZER (plastics mat.)
WASHER AND DRIER (plastics mat.)
WASH HELPER (bone, carbon, & lampblack)
GRANULAR HELPER (bone, carbon, & lampblack)
WASH-HOUSE MAN (explosives)
WASH-MILL OPERATOR (glue)
WET-END OPERATOR (plastics mat.) I
WET-END OPERATOR (plastics mat.) II
WRAPPER REWINDER (rubber goods)

56 **PROCESSING, WOOD AND WOOD PRODUCTS**

560. **Mixing and Related Work**

560.885 CHIP-MIXING-MACHINE OPERATOR (particle board)
MIXING-MACHINE TENDER (cork prod.)

561. **Wood Preserving and Related Work**

561.885 TANKMAN (wood preserving)
TREATING-ENGINEER HELPER (wood preserving)

562. **Saturating and Related Work, n.e.c.**

562.885 BLEACHER (broom)

562.885 GLUE-SIZE-MACHINE OPERATOR (furn.)
Con. IMPREGNATOR (pen & pencil)
LOG COOKER (basketry; wood. box)
STEAM-BOX OPERATOR (woodworking)

563. Drying, Seasoning, and Related Work

563.885 CLOTHESPIN-DRIER OPERATOR (shaped wood. art.)
DRY-HOUSE ATTENDANT (woodworking)
GLUING-MACHINE OPERATOR (woodworking)
GLUING-MACHINE OPERATOR, ELECTRONIC (woodworking)
HOT-PLATE PLYWOOD-PRESS OPERATOR (veneer & plywood)
HYDRAULIC-PRESS OPERATOR (veneer & plywood)
VENEER DRIER (veneer & plywood)
VENEER REDRIER (veneer & plywood)

569. Processing, Wood and Wood Products, n.e.c.

569.885 BENDER (sports equip.)
BENDER, MACHINE (woodworking)
BREAKER-MACHINE OPERATOR (cork prod.)
CORK MOLDER (cork prod.)
EDGE GLUER (veneer & plywood)
GLUE SPREADER, VENEER (veneer & plywood)
PRESTO-LOG OPERATOR (fuel briquettes; sawmill)
STACKER, MACHINE (woodworking)
VARNISHER (smoking pipe)
VENEER TAPER (veneer & plywood)

57 PROCESSING, NONMETALLIC MINERALS AND RELATED PRODUCTS

570. Crushing, Grinding, and Mixing

570.885 ABRASIVES MIXER (abrasive & polish. prod.)
AUXILIARY-EQUIPMENT TENDER (cement)
CLAY MIXER (brick & title)
CONCRETE-MIXER OPERATOR (conc. prod.; const.)
CRUSHER OPERATOR (wallboard)
CULLET CRUSHER-AND-WASHER (glass mfg.)
DRY-PAN OPERATOR (brick & tile)
GLAZE MAKER (brick & tile; pottery & porc.)
HAMMER-MILL OPERATOR (roof. materials)
LIME SLAKER (lime)
MILLER (cement)
MILLER (fertilizer)
MILLER (minerals & earths)
MIXER (asbestos prod.)
MIXER (glass mfg.)
MIXER MAN, BOARD (wallboard)
MIXER OPERATOR (lime)
MOLDING-MACHINE TENDER (pen & pencil)
MUD-MIXER OPERATOR (coke prod.; ore dress., smelt., & refin.)
PUG-MILL-OPERATOR HELPER (brick & tile; pottery & porc.)
REFRACTORY MIXER (iron & steel)
ROUGE MIXER (optical goods)
SAGGER PREPARER (pottery & porc.)
SILICA-SPRAY MIXER (ore dress., smelt., & refin.)
SLATE MIXER (roof. materials)

571. Separating

571.885 BURNER MAN (minerals & earths)
CONCENTRATOR OPERATOR (abrasive & polish. prod.)
GLAZE HANDLER (brick & tile)

572. Melting

572.885 FURNANCE TECHNICIAN (glass mfg.)
GLASS-FURNACE MAN (paint & varn.)
GLAZING-MACHINE OPERATOR (glass mfg.)

573. Baking, Drying, and Heat Treating

573.885 CLAY ROASTER (petrol. refin.)
WEDGE-FURNACE KILNMAN (petrol. refin.)
CYLINDER MAN (brick & tile)
DRYING-MACHINE OPERATOR (pottery & porc.)
KILNMAN (glass prod.)
KILN-OPERATOR HELPER (lime)
LEHR TENDER (glass mfg.) I
LEHR TENDER (glass mfg.) II
LENS HARDENER (optical goods)
OVEN TENDER (glass mfg.)
REGENERATOR OPERATOR (sugar)

574. Impregnating, Coating, and Glazing

574.885 DYED-YARN OPERATOR (glass mfg.)
FIBER-GLASS-BONDING-MACHINE TENDER (glass mfg.)
GASKET-COATER-AND-DRIER OPERATOR (pipe & boiler cov.)
MICA COATER (minerals & earths)

574.885 PAPER HANGER (wallboard)
Con. TOP-CAP-PROCESSING-EQUIPMENT OPERATOR (electronics)
WAX-MACHINE OPERATOR (glass mfg.)

575. Forming

575.885 ABRASIVE-WHEEL MOLDER (abrasive & polish. prod.)
BLOCK-MAKING-MACHINE OPERATOR (conc. prod.)
BOTTLE-MACHINE OPERATOR (glass mfg.) II
CHALK-EXTRUDING-MACHINE OPERATOR (pen & pencil)
CHALK-MOLDING-MACHINE OPERATOR (pen & pencil)
CONCRETE-PIPE-MAKING-MACHINE OPERATOR (conc. prod.)
DIE PRESSER (pottery & porc.)
FIBER-MACHINE TENDER (glass mfg.)
FLOWER-POT-PRESS OPERATOR (pottery & porc.)
GLASS BENDER (glass mfg.) II
HOT-PRESS OPERATOR (abrasive & polish. prod.)
HYDRAULIC-BILLET MAKER (pen & pencil)
HYDRAULIC-PRESS MAN (pen & pencil)
LENS MOLDER (optical goods) I
LEVERMAN (brick & tile)
MARBLE-MACHINE OPERATOR (glass mfg.)
MOLDER, FIBER GLASS LUGGAGE (leather prod.)
MORTAR-LINER MAN (conc. prod.)
PRESSER (glass mfg.)
PRESS OPERATOR (minerals & earths)
PUNCH-PRESS OPERATOR (glass mfg.)
SHOT-COAT MAN (conc. prod.)
SLIVER-FORMING-AND-WINDING OPERATOR (glass mfg.)
TEST-SKEIN WINDER (glass mfg.)
SPEARMAN (asbestos prod.)
SYNTHETIC-GEM-PRESS OPERATOR (jewelry)
TURN-OUT BOY (glass mfg.) II

579. Processing, Nonmetallic Minerals and Related Products, n.e.c.

579.885 BRAKE-LINING FINISHER, ASBESTOS (asbestos prod.)
BULB CLEANER (electronics)
DRIER-AND-GRINDER TENDER (minerals & earths)
FLOOR WINDER (glass mfg.)
FRIT MIXER AND BURNER (brick & tile; pottery & porc.)
GLASS-CLEANING-MACHINE TENDER (glass prod.)
GLASS-WOOL-BLANKET-MACHINE FEEDER (glass prod.)
INSULATION-MACHINE OPERATOR (pipe & boiler cov.)
LABORER, CONCRETE-MIXING PLANT (const.)
MICA-PLATE LAYER (minerals & earths)
MOLD POLISHER (glass mfg.)
NODULIZER MAN (cement)
PACKER, INSULATION (wallboard)
PUMPMAN (cement)
ROUGE SIFTER AND MILLER (optical goods)
SANDPAPER WINDER (abrasive & polish. prod.)
SILVER STRIPPER, MACHINE (mirror)
VIBRATOR (pottery & porc.)
WIRE SETTER (glass mfg.)

58 PROCESSING, LEATHER AND TEXTILES

580. Shaping, Blocking, Stretching, and Tentering

580.885 BRIM-STRETCHING-MACHINE OPERATOR (hat & cap)
CALENDERING-MACHINE OPERATOR (knit goods)
CLOTH DRIER (knit goods)
COLLAR-TURNER OPERATOR (garment)
COTTON-BALL-MACHINE TENDER (surgical appl.)
GAUZE-PAD-MACHINE OPERATOR (surgical appl.)
HAT-BLOCKING-MACHINE OPERATOR (hat & cap) I
HAT-BLOCKING-MACHINE OPERATOR (hat & cap) II
HOOKING-MACHINE OPERATOR (textile) I
HYDRAULIC BLOCKER (hat & cap)
MOLDER (hat & cap) I
PRE-PLEATER (house furn.)
ROLLER OPERATOR (hat & cap)

580.885 SKEIN-YARN DYER (knit goods; textile)
Con. STRETCHER (hat & cap) I
STRETCHING-MACHINE OPERATOR (cord. & twine)
TENTER-FRAME OPERATOR (knit goods; textile)
TIP STRETCHER (hat & cap)
YARN-TEXTURING-MACHINE OPERATOR (textile) II

581. Separating, Filtering, and Drying

581.885 CARBONIZER (textile)
CLOTH SANDER (textile)
DRIER-AND-REWINDER OPERATOR HELPER (fiber rugs)
DRIER OPERATOR (synthetic fibers)
DRY-CANS OPERATOR (textile)
DRYING-MACHINE OPERATOR, PACKAGE YARNS (textile)
DRYING-UNIT-FELTING-MACHINE OPERATOR (felt goods)
DRY-ROOM TENDER (artif. leather)
EXTRACTOR OPERATOR (any ind.)
EXTRACTOR OPERATOR (textile)
CAKE WRINGER (synthetic fibers)
FUR-BLOWER OPERATOR (hat & cap)
RAW-STOCK-DRIER TENDER (textile)
RUG-DRYING-MACHINE OPERATOR (carpet & rug)
SKEIN-YARN DRIER (textile)
TUMBLER TENDER (hosiery; knit goods)
VACUUM-DRIER OPERATOR (felt goods)
WHIZZER (hat & cap)
WINDING-RACK OPERATOR (artif. leather)
WOOL-DRIER MAN (slaught. & meat pack.)
WOOL OPENER AND DUSTER (textile)
WOOL-WRINGER MAN (slaught. & meat pack.)

582. Washing, Steaming, and Saturating

582.885 AGER OPERATOR (textile)
AUTOCLAVE OPERATOR (knit goods)
BLEACHER (knit goods)
BLEACH-RANGE OPERATOR (textile)
BOIL-OFF-MACHINE OPERATOR, CLOTH (textile)
BOIL-OFF MAN, SKEIN YARN (textile)
BOIL-OFF-POT OPERATOR (textile)
CLOTH-FINISHING-RANGE MIDDLEMAN (textile)
CLOTH-FINISHING-RANGE OPERATOR (knit goods; textile)
CLOTH-WASHER OPERATOR (textile)
OPEN-SOAPER TENDER (textile)
ROPE-SOAPING-MACHINE OPERATOR (textile)
COLORING-MACHINE OPERATOR (hat & cap)
CONDITIONER TENDER (textile)
CRABBER (textile)
CRAVETTING-MACHINE OPERATOR (leather mfg.)
CYLINDER BATCHER (textile)
DAMPENING-MACHINE OPERATOR (garment)
DECATING-MACHINE OPERATOR (garment; textile)
FULL-DECATOR OPERATOR (textile)
DESIZING-MACHINE OPERATOR, HEAD-END (textile)
DEWER (textile)
DRUM ATTENDANT (leather mfg.)
DYE-REEL OPERATOR (knit goods; textile)
DYER, MACHINE (fur dressing)
DYE-TANK MAN (cord. & twine)
DYE-TUB OPERATOR (hosiery; knit goods)
EXTRACTOR OPERATOR (felt goods)
FEATHER WASHER (house furn.)
FUMIGATOR AND STERILIZER (furn.; matt. & bedspring)
GARMENT STEAMER (knit goods)
JIGGER (textile)
KIER BOILER (knit goods; textile)
LIMER (glue; leather mfg.)
OPEN-DEVELOPER OPERATOR (textile)
PACKAGE-DYEING-MACHINE OPERATOR (textile)
BEAM-DYER OPERATOR (textile)
PADDING-MACHINE OPERATOR (textile)
PATCH WASHER (textile)
RANDOM DYER (knit goods)
RINSING-MACHINE OPERATOR (knit goods)
ROPE SILICA MACHINE OPERATOR (textile)
SATURATION-EQUIPMENT OPERATOR (linoleum)
SATURATOR TENDER (roof. materials)

582.885 Con.
Scrubbing-Machine Operator (cord. & twine)
Sheepskin Pickler (slaught. & meat pack.)
Sizing-Machine-and-Drier Operator (felt goods)
Skying Watcher (textile)
Soaker, Hides (slaught. & meat pack.)
Soaking-Machine Operator (knit goods)
Spot-Dyeing-and-Winding-Machine Operator (knit goods)
Spray-Machine Operator (textile)
Staining-Machine Operator (cord. & twine)
Steamer Operator (textile)
Steamer Tender (textile)
Tin-Whiz-Machine Operator (textile)
Warp-Dyeing-Vat Tender (textile)
Washer (synthetic fibers)
Desulfurizer, Machine (synthetic fibers)
Weighter (knit goods)
Wool-Washing-Machine Operator (knit goods; textile)
Wringer (knit goods)
Yarn Dyer, Vat (knit goods)
Yarn Poler (textile)
Yarn Soaker (textile)
Yarn-Washing-and-Bleaching-Machine Operator (textile)

583. **Ironing, Pressing, Glazing, Staking, Calendering, and Embossing**

583.885
Breaker-Machine Man (textile)
Brim-and-Crown Presser (hat & cap)
Brim Curler (hat & cap)
Brim Presser (hat & cap) I
Buffer, Machine (leather mfg.)
Calender-Machine Operator (asbestos prod.)
Calender Operator (felt goods; tex. bag; textile)
Narrow-Fabric Calenderer (narrow fabrics)
Press Operator (textile)
Combining-Machine Tender (textile)
Crusher-and-Binder Operator (cord. & twine)
Emblem-Fuser Operator (hosiery)
Embosser (any ind.)
Sweatband-Decorating-Machine Operator (hat & cap)
Embossing-Machine Operator (artif. leather)
Embossing-Machine-Operator Helper (plastics mat.)
Folding-Machine Operator (garment)
Greaser Operator (hat & cap)
Hat-Lining Blocker (hat & cap)
Hydraulic-Press Operator (felt goods)
Hydraulic-Press Operator (knit goods)
Jacquard-Twine-Polisher Operator (cord. & twine)
Leather Etcher (garment)
Mangler (knit goods)
Pouncing-Lathe Operator (hat & cap)
Presser, Buffing Wheel (tex. prod., n.e.c.)
Pressing-Machine Operator (hosiery) I
Pressing-Machine Operator (hosiery) II
Roller-Machine Operator (leather mfg.)
Rubberizer, Machine (garment)
Seam Presser (hat & cap)
Shaper and Presser (garment)
Staker, Machine (leather mfg.)
Straw-Hat Plunger Operator (hat & cap)
Straw-Hat Presser, Machine (hat & cap)
Strip Presser (boot & shoe)
Top Stretcher (hosiery)
Trimming-Machine Operator (garment; knit goods)
Voekler-Press Operator (textile)
Yarn-Polishing-Machine Operator (textile)

584. **Mercerizing, Coating, and Laminating**

584.885
Calender Operator, Oilcloth (artif. leather)
Cloth-Mercerizer Operator (textile)
Coating-Machine Operator (tex. bag)
Cord-Impregnating-Machine Operator (textile)
Flocking-Machine Operator (textile)
Foxing Painter (rubber goods)
Glue-Spreading-Machine Operator (leather prod.)

584.885 Con.
Hat-Stock Laminating Machine Operator (hat & cap)
Knife-Machine Operator (textile)
Mangle Tender (textile)
Sizing-Machine Tender (hosiery; textile)
Taping-Machine Operator (button)
Tarring-Machine Operator (cord. & twine)
Waxing-Machine Operator, Fabric (textile)
Cloth-Oiler Operator (textile)
Painting-Machine Operator (textile)
Yarn-Mercerizer Operator (textile) I
Yarn-Mercerizer Operator (textile) II

585. **Singeing, Cutting, Shearing, Shaving, and Napping**

585.885
Buffer (hat & cap)
Chinchilla-Machine Operator (textile)
Cloth Trimmer, Machine (textile)
Concaving-Machine Operator (boot & shoe)
Corduroy-Brusher Operator (textile)
Corduroy-Cutter Operator (textile)
Cut-Lace-Machine Operator (leather prod.)
Electrifier Operator (textile)
Gig Tender (textile)
Label Pinker (narrow fabrics)
Mellowing-Machine Operator (hat & cap)
Napper Tender (felt goods; garment; knit goods; textile)
Napper Tender (hosiery)
Rolling-Machine Operator(textile)
Rounding-Machine Operator (hat & cap; tex. prod., n.e.c.)
Rug Inspector (felt goods)
Shaving-Machine Operator (fur dressing; leather mfg.)
Fur-Cutting-Machine Operator (hat & cap)
Shearing-Machine Feeder (fur dressing)
Shearing-Machine Operator (knit goods; textile)
Singe-Machine Operator (hosiery)
Singer (textile)
Skiver, Blockers (boot & shoe)
Splitter, Machine (boot & shoe)
Stripping Cutter and Winder (boot & shoe)
Sweatband Separator (hat & cap)
Trimmer, Machine (leather mfg.)

586. **Felting and Fulling**

586.885
Carroting-Machine Operator (hat & cap)
Continuous-Crusher Operator (textile)
Feltmaker and Weigher (felt goods)
Gasser (textile) II
Hardening-Machine Operator (hat & cap)
Hat-Forming-Machine Operator (hat & cap)
Shrinking-Machine Operator (hat & cap)

587. **Brushing and Shrinking**

587.885
Binding-Material Steamer (knit goods)
Brusher, Machine (hat & cap)
Brush Operator (textile)
Cloth-Shrinking-Machine Operator (garment; textile)
London-Shrinking-Machine Operator (garment; textile)
Sanforizing-Machine Operator (textile)
Duster (hat & cap)
Shrinking-Machine Operator (knit goods)
Soaker (textile)
Strike-Out-Machine Operator (textile)

589. **Processing, Leather and Textiles, n.e.c.**

589.885
Back Washer (textile)
Blending-Machine Operator (textile)
Boarding-Machine Operator (hosiery)
Breaker-Up-Machine Operator (hat & cap)
Brim-Pouncing-Machine Operator (hat & cap)
Cloth Measurer, Machine (garment; textile)
Cloth-Skeining-Reel Operator (textile)
Cooler Operator (textile)
Detacker (knit goods; textile)
Drummer (hat & cap)
Dry Cleaner (knit goods)
Drying-Machine Tender (garment; knit goods; textile) I
Dust-Box Tender (textile)
Dyer Helper (hat & cap) I
Feather Mixer (house furn.)
Feather Separator (house furn.)

589.885 Con.
Folding-Machine Operator (knit goods; textile)
Folding-Machine Operator (textile) I
Fur-Floor Worker (fur dressing)
Hair Boiler Operator (fur dressing)
Hat Finisher (hat & cap)
Kapok-and-Cotton-Machine Operator (waste & batting)
Laundryman (house furn.)
Marking-Machine Operator (textile)
Measuring-Machine Operator (leather mfg.)
Pad-Extractor Tender (knit goods)
Pleater (knit goods; textile)
Puller, Machine (fur dressing)
Renovator-Machine Operator (house furn.)
Rolling-Down-Machine Operator (knit goods; textile)
Rolling-Machine Tender (knit goods)
Roll Turner (knit goods)
Scutcher Tender (textile)
Seasoning Mixer (leather mfg.)
Shaker (hat & cap)
Tannery Grinder (leather mfg.)
Turning-Machine Operator (tex. bag)
Vacuum-Tank Tender (textile)
Wringer-Machine Operator (felt goods; leather mfg.)
Yarn-Texturing-Machine Operator (synthetic fibers; textile)

59 **PROCESSING, N.E.C.**

590. **Processing, Assorted Materials**

590.885
Coating-Machine Operator (linoleum)
Diamond Blender (cut. tools)
Dipper (match)
Etcher, Printed Circuits (electronics)
Fiber (electronics)
Fiber (jewelry)
Grinder Operator (match)
Heel Sprayer, Machine (boot & shoe)
Impregnator, Electrolytic Capacitors (electronics)
Ironer (needle, pin, & rel. prod.)
Iron-Plastic Bullet Maker (ammunition)
Jewelry Coater (jewelry)
Oven Operator (linoleum)
Plate-Drying-Machine Operator (elec. equip.)
Press-Machine Operator (linoleum)
Roll-Up-Guider Operator (linoleum)
Sealing-Machine Operator (electronics)
Spray Painter, Machine (wallboard)
Wad Impregnator (ammunition)
Wad Lubricator (ammunition)
Winder Operator (linoleum)

599. **Miscellaneous Processing, n.e.c.**

599.885
Block Sealer (auto. mfg.)
Bran Mixer (iron & steel)
Bulb Carbonizer (electronics)
Crusher Man (any ind.) I
Dipper (any ind.)
Dipper and Baker (any ind.)
Oxidized-Finish Plater (any ind.)
Filterman (glue; malt liquors)
Filter Operator (any ind.)
Filter-Press Operator (any ind.)
Filter Washer and Presser (distilled liquors; glue; malt liquors)
Filtration Helper (any ind.)
Impregnating-Tank Operator (any ind.) I
Impregnator and Drier Helper (elec. equip.)
Mill Operator (any ind.)
Painter, Tumbling Barrel (any ind.)
Painting-Machine Operator (any ind.)
Lacquerer (fabric. plastics prod.)
Sprayer, Machine (leather mfg.)
Paint-Line Operator (toys & games)
Pleating-Machine Operator (any ind.)
Screener Operator (any ind.)
Spray-Machine Tender (tinware)
Sterilizer (drug. prep.; medical ser.; surgical appl.)
Tube Coater (fabric metal prod., n.e.c.)
Tumbler Operator (any ind.)
Definer (button)
Polisher (button)
Tubber (jewelry)
Tumbler (clock & watch)
Washer, Machine (any ind.)

599.885 WASHING-MACHINE OPERATOR (any ind.) I
Con. WATER TENDER (any ind.)
60 **METAL MACHINING**
601. **Toolmaking and Related Work**
601.885 TOOL-DRESSER HELPER (any ind.)
602. **Gear Machining**
602.885 GEAR-CUTTING-MACHINE OPERATOR, PRODUCTION (mach. shop)
603. **Abrading**
603.885 BAND-REAMER-MACHINE OPERATOR (nonfer. metal alloys)
BEARINGNIZER (auto. mfg.)
BEVEL POLISHER (clock & watch) I
BEVEL POLISHER (clock & watch) II
BIT SHARPENER (woodworking)
BIT-SHARPENER OPERATOR (mining & quarrying)
BOTTOM POLISHER (elec. equip.)
BRUSH POLISHER (clock & watch)
BURNISHER (clock & watch)
BURNISHING-MACHINE OPERATOR (clock & watch)
BURNISHING-PRESS OPERATOR (clock & watch)
BURRER, MACHINE (clock & watch)
DEBURRER (needle, pin, & rel. prod.)
FLAT POLISHER (clock & watch)
GRINDER OPERATOR, AUTOMATIC (cut. tools)
GRINDER OPERATOR, PRODUCTION (mach. shop)
KNIFE FILER (sugar)
KNIFE GLAZER (silverware)
LAPPING-MACHINE OPERATOR, PRODUCTION (mach. shop)
BARREL LAPPER (firearms)
SHOT-GRINDER OPERATOR (ammunition)
SNAILER (clock & watch)
STONER AND POLISHER, BEVEL FACE (clock & watch)
TOOL GRINDER (any ind.) II
KNIFE AND SPUR GRINDER (excelsior)
604. **Turning**
604.885 CUP-TRIMMING-MACHINE OPERATOR (ammunition)
FACING-MACHINE OPERATOR (clock & watch)
GRINDER, LAP (clock & watch)
KNURLING-MACHINE OPERATOR (ammunition)
LAP-TRUING-MACHINE OPERATOR (optical goods)
LATHE OPERATOR, PRODUCTION (mach. shop)
KNURLING-MACHINE OPERATOR (pen & pencil)
TAPPER (clock & watch) I
RIM-TURNING FINISHER (clock & watch)
SCREW-MACHINE OPERATOR, PRODUCTION (mach. shop)
THREADING-MACHINE OPERATOR (ammunition)
605. **Milling and Planing**
605.885 BALANCE RECESSER (clock & watch)
BARREL RIFLER (firearms)
FILE CUTTER (cut. tools)
HOOKING-MACHINE OPERATOR (clock & watch)
JEWEL STRIPPER (clock & watch)
LEVER MILLER (clock & watch)
MILLING-MACHINE OPERATOR, PRODUCTION (mach. shop)
PINION CUTTER (clock & watch)
TOOTH CUTTER, PINIONS (clock & watch)
PLANING-MACHINE OPERATOR (clock & watch)
PROFILING-MACHINE OPERATOR (clock & watch)
SCRIBING-MACHINE OPERATOR (cut. tools)
SQUARING-MACHINE OPERATOR (clock & watch)
TOOTH CUTTER, CLUTCH (clock & watch)
TOOTH CUTTER, SPUR (clock & watch)
TOOTH HOBBER (clock & watch)
606. **Boring**
606.885 BALANCE-WHEEL-SCREW-HOLE DRILLER (clock & watch)
BORING-MACHINE OPERATOR (clock & watch)
BORING-MACHINE OPERATOR, PRODUCTION (mach. shop)
CHAMFERING-MACHINE OPERATOR (ammunition) I
CHAMFERING-MACHINE OPERATOR (ammunition) II
CHOKE REAMER (firearms)
COUNTERBORER (clock & watch)

606.885 DOUBLE-REAMER OPERATOR (nonfer. metal alloys)
Con. DRILLING-MACHINE OPERATOR, AUTOMATIC (clock & watch)
REAMER (clock & watch)
TAPPING-MACHINE OPERATOR, AUTOMATIC (clock & watch)
607. **Sawing**
607.885 SCREW SLOTTER (clock & watch)
609. **Metal Machining, n.e.c.**
609.885 ENGRAVER, AUTOMATIC (clock & watch)
FEEDER, MULTI-PURPOSE MACHINE (typewriters & parts)
MILLISKEENER (clock & watch)
PRODUCTION-MACHINE OPERATOR (mach. shop)
TRANSFER-MACHINE OPERATOR (mach. shop)
TRIM-MACHINE OPERATOR (ammunition)
TURRET-LATHE OPERATOR, TUMBLE TAILSTOCK (clock & watch)
61 **METALWORKING, N.E.C.**
611. **Press Forging**
611.885 FORGING-PRESS OPERATOR (forging) II
HYDRAULIC OPERATOR (nonfer. metal alloys)
612. **Forging, n.e.c.**
612.885 LEVERMAN (forging)
SPRING TESTER (spring) I
613. **Sheet and Bar Rolling**
613.885 BED OPERATOR (iron & steel)
COILER (iron & steel; nonfer. metal alloys)
HEATER HELPER (iron & steel)
PIERCING-MILL OPERATOR (iron & steel)
ROLLER-LEVELER OPERATOR (iron & steel)
ROLLING-MILL-OPERATOR HELPER (nonfer. metal alloys)
TUBING-MACHINE OPERATOR (iron & steel; nonfer. metal alloys)
614. **Extruding and Drawing**
614.885 DIE HOLDER (forging)
EXTRUDING-PRESS OPERATOR (ammunition)
EXTRUSION-PRESS OPERATOR (elec. equip.) II
REDUCING-MACHINE OPERATOR (optical goods)
WIRE-DRAWING-MACHINE TENDER (wire)
615. **Punching and Shearing**
615.885 CLEARANCE CUTTER (clock & watch)
CUT-OFF-MACHINE OPERATOR (ammunition) I
NIBBLER OPERATOR (any ind.)
SHEAR OPERATOR (any ind.) II
SHREDDING-MACHINE OPERATOR (fabric. prod., n.e.c.)
STRIP-METAL-PUNCH-AND-STRAIGHTENER OPERATOR (wood. box)
TURRET-PUNCH-PRESS OPERATOR, TAPE-CONTROL (any ind.)
616. **Fabricating Machine Work**
616.885 BENCH-LOOM WEAVER (wirework)
BENCH WORKER (spring)
CHAIR-FORMING-MACHINE OPERATOR (forging)
CLINCHING-MACHINE OPERATOR (elec. equip.)
COIL ASSEMBLER, MACHINE (matt. & bedspring)
FABRIC-MACHINE OPERATOR (matt. & bedspring) II
FILAMENT MAKER (electronics)
HEDDLE-MACHINE OPERATOR (mach. mfg.)
METAL-SPONGE-MAKING-MACHINE OPERATOR (nonfer. metal alloys)
MULTI-OPERATION FORMING-MACHINE OPERATOR (any ind.) II
PAPERBACK-MACHINE OPERATOR (wirework)
POCKET-MACHINE OPERATOR (matt. & bedspring)
RIVETER (light fix.)
RIVETING-MACHINE OPERATOR (furn.)
SCROLL-MACHINE OPERATOR (struct. & ornam. metalwork)
SIDE-SEAM TENDER (tinware)
SLAT TWISTER (matt. & bedspring)
SPIRAL SPRING WINDER (wirework)
SPRING COILER (spring)
SWAGER OPERATOR (pen & pencil)
SWEEP-PRESS OPERATOR (clock & watch)
TENSIONING-MACHINE OPERATOR (conc. prod.)
WIRE COINER (needle, pin, & rel. prod.)
WIRE-SCREEN WEAVER, MACHINE (wirework)
SPIRAL WEAVER (wirework)
ZIPPER CUTTER (needle, pin, & rel. prod.)
617. **Metal Forming, n.e.c.**
617.885 BELLING-MACHINE OPERATOR (iron & steel)

617.885 BENDING-MACHINE OPERATOR (any ind.) II
Con. CORNER FORMER (wood. box)
KNITTER, WIRE MESH (wirework)
KNURLING-MACHINE OPERATOR (needle, pin, & rel. prod.)
NAIL-MAKING-MACHINE TENDER (nail)
POWER-PRESS TENDER (any ind.)
PUNCH-PRESS OPERATOR (any ind.) II
HALF-HEAD AND STAMP-PRESS OPERATOR (ammunition)
SWAGER AND PIERCER (clock & watch)
TRIMMING-PRESS OPERATOR (forging)
RIPPER (furn.)
ROLL-FORMING-MACHINE OPERATOR (any ind.) II
SINTERING PRESS OPERATOR (iron & steel; nonfer. metal alloys)
SWAGING-MACHINE OPERATOR (ammunition)
619. **Miscellaneous Metalworking, n.e.c.**
619.885 BANDING-MACHINE OPERATOR (ammunition)
BANDING-MACHINE OPERATOR (furn.)
BAND MAKER (agric.)
BOBBIN MAN (glass mfg.)
BRAKE OPERATOR (any ind.) II
BUNDLING-MACHINE OPERATOR (forging)
COIL - REWIND - MACHINE OPERATOR (nonfer. metal alloys)
DRUM STRAIGHTENER (any ind.) I
EMBOSSING-MACHINE OPERATOR (ammunition)
ETCHER, MACHINE (cut. tools)
FORMING-ROLL OPERATOR (any ind.) II
FOUR-SLIDE MACHINE OPERATOR (any ind.) II
HEAD-GAGE-UNIT OPERATOR (ammunition)
HEEL-WASHER-STRINGING-MACHINE OPERATOR (rubber goods)
KNURLING-MACHINE OPERATOR (nail)
MACHINE OPERATOR (any ind.) II
SHEET-METAL PRODUCTION WORKER (any ind.)
METALLIC-YARN-SLITTING-MACHING OPERATOR (nonfer. metal alloys)
PRODUCTION-MACHINE TENDER (nut & bolt)
REPAIRER, SHOE STICKS (rubber goods)
ROD-PULLER AND COILER (nonfer. metal alloys)
SPINNING LATHE OPERATOR, AUTOMATIC (any ind.)
SPOOL WINDER (nonfer. metal alloys)
TWISTING-MACHINE OPERATOR (any ind.)
TWISTING-MACHINE OPERATOR (struct. & ornam. metalwork)
WINDING-LATHE OPERATOR (ammunition)
WINDING-MACHINE OPERATOR (conc. prod.)
WIRE-WINDING-MACHINE OPERATOR (wood. box)
62, 63 **MECHANICAL REPAIRING**
620. **Motorized Vehicle and Engineering Equipment Repairing**
620.885 BONDER, AUTOMOBILE BRAKES (auto. ser.)
64 **PAPERWORKING**
640. **Paper Cutting, Winding, and Related Work**
640.885 BOOK-JACKET-COVER-MACHINE OPERATOR (paper goods)
BOOK TRIMMER (print. & pub.)
COMB-MACHINE OPERATOR (match)
COMPENSATOR (paper goods)
CORNER CUTTER (paper goods)
CUT-OFF-MACHINE OPERATOR (paper goods)
CUT-OFF-MACHINE OPERATOR, AUTOMATIC (paper goods)
LABEL-SLITTING-MACHINE OPERATOR (tobacco)
PANEL-MACHINE OPERATOR (paper goods)
PAPER-CORE-MACHINE OPERATOR (paper goods)
PAPER CUTTER (distilled liquors; tobacco)
PAPER-REEL OPERATOR (paper goods)
SHEETER, CARBON PAPER (pen & pencil)
PROCESS-MACHINE OPERATOR (paper goods)
REWINDER OPERATOR (paper goods)
RIBBON-HANKING-MACHINE OPERATOR (paper goods)
ROLLING-MACHINE OPERATOR (wallpaper)
ROLL RECLAIMER (paper goods)
ROLL-SLICING-MACHINE TENDER (pen & pencil)
RUF-SPOOLING-MACHINE OPERATOR (paper goods; trim. & stamp. art goods)
SLOTTER OPERATOR (paper goods)
TIGHTENING-MACHINE OPERATOR (paper goods)

640.885 Con. TUBE SIZER-AND-CUTTER OPERATOR (ammunition)
TUBE-WINDING-MACHINE OPERATOR (paper goods)
WHITE-TUBE STRIPPER (paper & pulp)

641. Folding, Creasing, Scoring, and Gluing

641.885 APPLE - LINER MACHINE OPERATOR (paper goods)
AUTOMATIC-MACHINE ATTENDANT (paper goods)
BAR CREASER (paper goods)
BENDER, MACHINE (paper goods)
BOARD-LINER OPERATOR (wood. box)
BOX-LINING-MACHINE FEEDER (paper goods)
CARTON-FORMING-MACHINE OPERATOR (any ind.) I
CARTON-FORMING-MACHINE TENDER (paper goods)
COVER STRIPPER (paper goods)
ENDING-MACHINE OPERATOR (paper goods)
ENVELOPE-MACHINE OPERATOR (paper goods)
EXTENSION EDGER (paper goods)
FOLDING-MACHINE FEEDER (paper goods)
FOUR-CORNER-STAYER-MACHINE OPERATOR (paper goods)
LINER, LOOSELEAF BINDER (print. & pub.)
LINER-MACHINE OPERATOR (paper goods)
MOUNTING-MACHINE OPERATOR (print. & pub.)
PATCH-MACHINE OPERATOR (paper goods)
SCORER (paper goods)
SEALING-MACHINE OPERATOR (paper goods)
SLIDE-FORMING-MACHINE TENDER (match)
SLIDE-MACHINE TENDER (match)
STRING-TOP SEALER (paper goods)
STRIPPING-MACHINE OPERATOR (paper goods)
VALVING-MACHINE OPERATOR (paper goods)
WRAPPING-MACHINE OPERATOR (paper goods) I

643. Paper Corrugating

643.885 BINDERY WORKER (print. & pub.)

644. Paper Fastening, n.e.c.

644.885 STRINGING-MACHINE OPERATOR (paper goods)
TAPE-FASTENER-MACHINE OPERATOR (paper goods)

649. Paperworking, n.e.c.

649.885 BAG-MACHINE OPERATOR (paper goods)
BOTTOMING-MACHINE OPERATOR (paper goods)
CHIP-APPLYING-MACHINE TENDER (paint & varn.; print. & pub.)
CORE-CUTTER AND REAMER (paper & pulp)
DOMER (paper goods)
DRILL-PUNCH OPERATOR (paper goods; print. & pub.)
FOLDING-MACHINE OPERATOR (paper goods)
KNOTTING-MACHINE OPERATOR (paper goods)
LACE-PAPER-MACHINE OPERATOR (paper goods)
LAUNDRY-BAG-PUNCH OPERATOR (paper goods)
LAYBOY TENDER (paper & pulp; paper goods; print. & pub.)
MACHINE OPERATOR, GENERAL (paper goods)
PAPER-CONE-MACHINE TENDER (paper goods)
PAPER-CUP-MACHINE OPERATOR (paper goods)
PARTITION-MAKING MACHINE OPERATOR (paper goods)
PUNCHBOARD-FILLING-MACHINE OPERATOR (paper goods)
RING-MAKING-MACHINE OPERATOR (paper goods)
SHOT-TUBE-MACHINE TENDER (paper goods)
STEEL-TIE ADJUSTER, AUTOMATIC (paper goods)
TAG-MACHINE OPERATOR (paper goods)

65 PRINTING

650. Typesetting and Composing

650.885 TYPESETTING-MACHINE TENDER (print. & pub.)

651. Printing Press Work

651.885 DESIGN PRINTER, BALLOON (rubber goods)
OFFSET-PRESS OPERATOR (print. & pub.) II
PLATEN-PRESS FEEDER (print. & pub.)

652. Printing Machine Work

652.885 CARTON MARKER, MACHINE (boot & shoe)
CODING-MACHINE OPERATOR (electronics)
COLOR CODER (electronics)
CUTTING-AND-PRINTING MACHINE OPERATOR (tex. bag)
DECORATING-MACHINE OPERATOR (glass prod.)
EMBOSSING-PRESS OPERATOR (any ind.)
FILM NUMBERER (motion pic.)
GLOVE TAGGER (glove & mit.)
652.885 INK PRINTER (jewelry cases)
JACKMAN (textile)
652.885 Con. KEYING-MACHINE OPERATOR (print. & pub.)
LAY-OFF MAN (carpet & rug; garment; house furn.)
MARKING-MACHINE OPERATOR (knit goods)
MILK-BOTTLE-CAP-MAKING-MACHINE OPERATOR (paper goods)
NAME-PLATE STAMPER (any ind.)
PHOTOLETTERING-MACHINE OPERATOR (print & pub.)
PIN-TICKET-MACHINE OPERATOR (any ind.)
PRESS FEEDER (tinware)
PRINTER (pen & pencil)
PRINTER, FLOOR COVERING (linoleum)
PRINTING - MACHINE OPERATOR, FOLDING RULES (cut. tools)
ROLLER OPERATOR (toys & games)
SOABAR-MACHINE OPERATOR (garment)
STENCILING-MACHINE TENDER (glass mfg.)
STENCIL-MACHINE OPERATOR (textile)
STRICKLER ATTENDANT (linoleum)
STRIKE-OFF-MACHINE OPERATOR (textile)
TICKETER (any ind.)
TUBE BRANDER (rubber tire & tube)
VIGOUREUX PRINTER (textile)
WAD-PRINTING-MACHINE OPERATOR (ammunition)

653. Bookbinding and Related Work

653.885 BOOK-SEWING-MACHINE OPERATOR (print. & pub.) I
COLLATING-MACHINE OPERATOR (print. & pub.)
ROUNDING-AND-BACKING-MACHINE OPERATOR (print. & pub.)
SPIRAL BINDER (paper goods; print. & pub.)

659. Printing, n.e.c.

659.885 PAPER CONDITIONER (print. & pub.)
PERFORATING-MACHINE OPERATOR (print. & pub.)
SAMPLE BOOK MAKER (wallpaper)
SHOTGUN-SHELL-REPRINTING-UNIT OPERATOR (ammunition)

66 WOOD MACHINING

662. Sanding

662.885 CORK GRINDER (sports equip.)
CYLINDER-SANDER OPERATOR (woodworking)
SANDER, WOODEN PENCILS (pen & pencil)
LAST SCOURER (lasts & rel. forms)
SANDING-MACHINE BUFFER (cork prod.)
SANDING-MACHINE TENDER (cork prod.)
SIZING-MACHINE OPERATOR (pen & pencil)
SPEED-BELT-SANDER OPERATOR (woodworking)
TURNING-SANDER OPERATOR (woodworking)
BOWL SANDER (smoking pipe)
WOOD-HEEL BACK-LINER (boot & shoe)

663. Shearing and Shaving

663.885 CLIPPERMAN, AUTOMATIC (veneer & plywood)
EXCELSIOR-MACHINE OPERATOR (excelsior)
MOLDING CUTTER (woodworking)
PUNCH MAN (shaped wood. art.)
ROUNDING-MACHINE OPERATOR (pen & pencil)
SHAKE BACKBOARD NOTCHER (sawmill)
SKIVER (cork prod.)
SLICING-MACHINE OPERATOR (window shade & fix.)
SPLITTERMAN (sawmill)
SPLITTING-MACHINE OPERATOR (cork prod.)
STAVE-MACHINE OPERATOR (basketry)
VENEER CLIPPER (veneer & plywood)

664. Turning

664.885 BRIAR CUTTER (smoking pipe)
BUCKET CHUCKER (cooperage)
COPY-LATHE OPERATOR (woodworking)
FRAZER (smoking pipe)
SHUTTLE SPOTTER (shaped wood. art.)
SPAR-MACHINE-OPERATOR HELPER (wood preserving)

665. Milling and Planing

665.885 BOTTOM-TURNING-LATHE OPERATOR (cooperage)
END FRAZER (smoking pipe)
PLOW-AND-BORING-MACHINE OPERATOR (plan. mill)
PLYWOOD-SCARFER OPERATOR (veneer & plywood)
STOCK CHECKERER (firearms) II

666. Boring

666.885 SMOKING-PIPE DRILLER AND THREADER (smoking pipe)
STEMHOLE BORER (smoking pipe)

667. Sawing

667.885 BAND-SAW OPERATOR (cooperage)
BAND-SAW OPERATOR (woodworking) I
BEADING SAWYER (smoking pipe)
BLOCK SETTER (sawmill)
BOLTER (sawmill)
BUZZSAW OPERATOR (any ind.)
CIRCLE-CUTTING-SAW OPERATOR (basketry)
COB SAWYER (smoking pipe)
CUT-OFF SAWYER, LOG (paper & pulp; sawmill)
DOGGER (sawmill)
DOWEL POINTER (woodworking)
KERFER-MACHINE OPERATOR (furn.)
SAWYER, CORK SLABS (cork prod.)
SHINGLE-SAW OPERATOR (basketry)
SHINGLE SAWYER (sawmill)
SHINGLE TRIMMER (sawmill)
SLASHER OPERATOR (paper & pulp; sawmill)
STAVE-SAW OPERATOR (cooperage)
TURNING-MACHINE OPERATOR (basketry; cooperage)

668. Chipping

668.885 CHIPPERMAN (paper & pulp; sawmill; wood distil. & charc; woodworking)
CHIPPERMAN, LOG (paper & pulp)
KNIFE SETTER, GRINDER MACHINE (paper & pulp)
SCOOPING-MACHINE OPERATOR (furn.)

669. Wood Machining, n.e.c.

669.885 APRON MAN (veneer & plywood)
BARREL-ASSEMBLER HELPER (cooperage)
BASKET ASSEMBLER (basketry)
BLIND - SLAT - STAPLING - MACHINE OPERATOR (plan. mill)
BOTTOM-HOOP DRIVER (cooperage)
CLAMPMAN (woodworking)
COAT-HANGER-SHAPER-MACHINE OPERATOR (shaped wood. art.)
CORE-LAYING-MACHINE OPERATOR (veneer & plywood)
CORRUGATED-FASTENER DRIVER (woodworking)
DOVETAIL-MACHINE OPERATOR (wood. box)
DOWELING-MACHINE OPERATOR (woodworking)
FRAME-TABLE-OPERATOR HELPER (wood preserving)
GLUE-JOINTER HELPER (furn.)
HEADING-MACHINE OPERATOR (pen & pencil)
NAILING-MACHINE OPERATOR, AUTOMATIC (any ind.)
NAILING MACHINE OPERATOR, AUTOMATIC (cooperage)
RIVETER (wood. box)
SLAT-BASKET MAKER, MACHINE (basketry)
SQUEEZER OPERATOR (wood. box)
STITCHING-MACHINE OPERATOR (cooperage)
TURNER (smoking pipe)
VENEER REPAIRER, MACHINE (veneer & plywood)

67 MACHINING, NONMETALLIC MINERALS AND RELATED MATERIALS

670. Stonecutting and Related Work

670.885 STONE TRIMMER (stonework)

673. Abrading and Polishing

673.885 ABRASIVE GRINDER (abrasive & polish. prod.)
BED RUBBER (stonework)
BEVELER (glass prod.)
BLOCKER (glass mfg.; mirror)
BLOCKER, AUTOMATIC (glass mfg.; mirror)
CONVEX-GRINDER OPERATOR (button)
DIAMOND-DUST TECHNICIAN (abrasive & polish. prod.)
FUSION-JUNCTURE GRINDER (optical goods)
GRINDING-MACHINE OPERATOR, AUTOMATIC (button)
LENS-EDGE GRINDER, MACHINE (optical goods)
LENS-GENERATING-MACHINE TENDER (optical goods)
LEVEL-VIAL INSIDE GRINDER (cut. tools)
MICROMACHINE OPERATOR (optical goods)
NOTCH GRINDER (glass prod.)
STONE ROUGHER (optical goods)
STRAIGHT-LINE EDGER (glass mfg.; mirror)
STRIP POLISHER (stonework)

676. Boring and Punching

676.885 DRILLER (optical goods)
DRILLER, MACHINE (glass prod.)

677. Chipping, Cutting, Sawing, and Related Work

677.885 CARBON CUTTER (elec. equip.)
GLASS-CUT-OFF-MACHINE UNLOADER (glass mfg.)
GLASS-CUT-OFF MAN, HEAVY (glass mfg.)
GLASS CUTTER (optical goods)
SPLITTER OPERATOR (stonework)
SPLITTING-MACHINE OPERATOR (stonework)
STONE SPLITTER (cone. prod.)

679. Machining, Nonmetallic Minerals and Related Materials, n.e.c.

679.885 BUTTON-FACING-MACHINE OPERATOR (button)
LEVEL-GLASS-FORMING-MACHINE OPERATOR (cut. tools)
TURNING-AND-BEADING-MACHINE OPERATOR (needle, pin, & rel. prod.)

68 TEXTILE MACHINE WORK

680. Carding, Combing, Drawing, and Related Work

680.885 CARD STRIPPER (textile)
CARD TENDER (asbestos prod.; textile)
COMBER TENDER (textile)
DRAW-FRAME TENDER (cord. & twine)
DRAWING-FRAME TENDER (textile)
DRAW-MACHINE OPERATOR (synthetic fibers)
FINISHER-CARD TENDER (asbestos prod.; textile)
GILL-BOX TENDER (textile)
LEASING-MACHINE TENDER (textile)
MIDDLE-CARD TENDER (textile)
MIXER (hat & cap)
MIXING-MACHINE OPERATOR (brush)
OPENER TENDER (textile)
PICKER-MACHINE OPERATOR (matt. & bedspring)
PICKER TENDER (textile)
PICKING-MACHINE OPERATOR (any ind.)
RIBBON-LAP-MACHINE TENDER (textile)
SILK SPREADER (textile)
SLIVER-LAP-MACHINE TENDER (textile)
SLUBBER TENDER (textile)
STAPLE CUTTER (textile)
CHOPPED-STRAND OPERATOR (glass mfg.)
STAPLE-PROCESSING-MACHINE OPERATOR (textile)
STRAND-AND-BINDER CONTROLMAN (wallboard)
STRETCH-BOX TENDER (textile)
WASTE-MACHINE TENDER (textile; waste & batting)

681. Twisting, Beaming, Warping, and Related Work

681.885 BEAMER (textile)
BEAM-WARPER TENDER, AUTOMATIC (asbestos prod.; knit goods; narrow fabrics; textile)
BALL-WARPER TENDER (textile)
WARP SPOOLER (narrow fabrics; textile)
COILER (cord. & twine)
COVERING-MACHINE OPERATOR (textile)
LONG-CHAIN BEAMER (textile)
QUILLING-MACHINE OPERATOR, AUTOMATIC (narrow fabrics; textile)
REELING-MACHINE OPERATOR (textile) II
GAS-REEL TENDER (textile)
ROPE-LAYING-MACHINE OPERATOR (cord. & twine)
ROPE MAKER, MACHINE (asbestos prod.)
SELVAGE-MACHINE OPERATOR (textile)
SKEINER (narrow fabrics)
SKEIN WINDER (hosiery; knit goods; textile)
SPEEDER TENDER (textile)
SPINNING-MACHINE TENDER (cord. & twine)
SPLITTER (textile)
SPOOLER (pen & pencil) I
SPOOLING-MACHINE OPERATOR (trim. & stamp. art goods)
CARDING-MACHINE OPERATOR (trim. & stamp. art goods)
STRAND-FORMING-MACHINE OPERATOR (cord. & twine)
TWISTER TENDER (asbestos prod.; glass mfg.; synthetic fibers; textile)
THROWER (synthetic fibers)
UPTWISTER TENDER (textile)
YARN-TEXTURING-MACHINE OPERATOR (textile) I
TWISTER TENDER, PAPER (cord. & twine)
TWISTING-MACHINE TENDER (fiber rugs)

681.885 WARPER (narrow fabrics)
Con. WARP-TYING-MACHINE TENDER (textile)
YARN WINDER (any ind.)
DOUBLING-MACHINE OPERATOR (knit goods; textile)
PRECISE WINDER (textile)
RUBBER-THREAD SPOOLER (sports equip.)
SINGE WINDER (textile)

682. Spinning

682.885 BOBBIN WINDER, MACHINE (cord. & twine; hosiery; knit goods; textile)
BOBBIN WINDER, SEWING MACHINE (textile)
SPINNER, FRAME (asbestos prod.; textile)
TWISTER (cord. & twine)
SPINNER, MULE (asbestos prod.: textile)

683. Weaving and Related Work

683.885 CARD CHANGER, JACQUARD LOOMS (narrow fabrics; textile)
CARD LACER, JACQUARD (narrow fabrics; textile)
DRAWER-IN, HAND (narrow fabrics; textile)
DRAWING-IN-MACHINE-TENDER HELPER (textile)
LEASE-OUT MAN (textile)
PATTERN DUPLICATOR (textile)
SMASH HAND (narrow fabrics; textile)
TWISTER-IN (narrow fabrics; textile)
WEAVER, AXMINSTER (carpet & rug)
WEAVER, NEEDLE LOOM (narrow fabrics)

684. Hosiery Knitting

684.885 SEAMLESS-HOSIERY KNITTER (hosiery)
STOCKING RIBBER (hosiery)

685. Knitting, Except Hosiery

685.885 CHAINMAN (knit goods)
KNITTER, FULL-FASHOINED GARMENT (knit goods)
KNITTING-MACHINE OPERATOR (cord. & twine)
KNITTING-MACHINE OPERATOR (knit goods)
CIRCULAR KNITTER (knit goods)
FLAT KNITTER (knit goods)
WARP-KNITTING-MACHINE OPERATOR (knit goods)

686. Punching, Cutting, Forming, and Related Work

686.885 CHIN-STRAP CUTTER (hat & cap)
CONTINUOUS PILLOWCASE CUTTER (textile)
CUFF CUTTER (garment; glove & mit.)
CUTTER (house furn.) I
CUTTING-MACHINE OPERATOR (tex. bag)
FELT CUTTER (ammunition)
FOLDER (narrow fabrics)
HANDLE-AND-VENT-MACHINE OPERATOR (matt. & bedspring)
NICKING-MACHINE OPERATOR (garment; textile)
PERFORATING-MACHINE OPERATOR (hat & cap)
PINKING-MACHINE OPERATOR (boot & shoe; garment)
PRESS OPERATOR (surgical appl.)
RIVET-HOLE PUNCHER (garment)
ROSETTE-MACHINE OPERATOR (trim. & stamp. art goods)
SCALLOP CUTTER, MACHINE (embroid.)
SHOELACE-TIPPING-MACHINE OPERATOR (narrow fabrics)
STRIP-CUTTING-MACHINE OPERATOR (any ind.)
WELT-TRIMMING-MACHINE OPERATOR (hat & cap)

689. Textile Machine Work, n.e.c.

689.885 BACK TENDER, CLOTH PRINTING (textile)
BALL-FRINGE-MACHINE OPERATOR (trim. & stamp. art goods)
BALLING-MACHINE OPERATOR (textile)
BATTING-MACHINE OPERATOR (textile; waste & batting)
BLANKET-CUTTING-MACHINE OPERATOR (textile)
BOBBIN PRESSER (tex. prod., n.e.c.)
BOBBIN STRIPPER (tex. prod., n.e.c.)
BOBBIN WINDER, MACHINE (boot & shoe)
BRAIDING-MACHINE OPERATOR (asbestos prod.; narrow fabrics)
BUFFING-WHEEL FORMER, AUTOMATIC (tex. prod., n.e.c.)
CLOTH-DOUBLING-AND-WINDING-MACHINE OPERATOR (textile)
CLOTH REELER (textile)

689.885 CLOTH WINDER (any ind.)
Con. BLOCKER (asbestos prod.; narrow fabrics)
FISHING-LINE-WINDING-MACHINE OPERATOR (cord. & twine)
GARNETT-MACHINE OPERATOR (textile)
GARNETTER (felt goods; house furn.; matt. & bedspring; waste & batting)
HELMET COVERER (hat & cap)
JIGGER-CROWN-POUNCING-MACHINE OPERATOR (hat & cap)
LABEL-CUTTING-AND-FOLDING-MACHINE OPERATOR, AUTOMATIC (narrow fabrics)
LOOM-WINDER TENDER (textile)
NEEDLE-LOOM TENDER (felt goods)
PICK-PULLING-MACHINE OPERATOR (textile)
QUILLER OPERATOR (textile)
QUILL POLISHER (textile)
REWIND OPERATOR (house furn.)
ROVING WINDER, FIBER GLASS (glass mfg.)
SPLICING-MACHINE OPERATOR, AUTOMATIC (textile)
STRAP BUCKLER, MACHINE (garment)
STRINGING-MACHINE TENDER (tex. bag)
SURGICAL-DRESSING MAKER (surgical appl.)
TAPE-FOLDING-MACHINE OPERATOR (rubber goods; trim. & stamp. art goods)
TAPE-MAKING-MACHINE OPERATOR (cord. & twine)
TASSEL-MAKING-MACHINE OPERATOR (trim. & stamp. art goods)
THREAD-CUTTER TENDER (embroid.)
THREAD WINDER, AUTOMATIC (textile)
WATCHER, PANTOGRAPH (embroid.)
WATCHER, AUTOMAT (embroid.)
WINDER OPERATOR, AUTOMATIC (textile)

69 MACHINE WORK, N.E.C.

690. Plastics, Synthetics, Rubber, and Leather Working

690.885 ASSEMBLY-PRESS OPERATOR (any ind.)
BACK-STRIP-MACHINE OPERATOR (rubber goods)
BALER (plastics mat.)
BANBURY-TAKE-OFF OPERATOR (rubber goods)
BAND CUTTER (rubber goods)
BAND-MACHINE OPERATOR (rubber goods)
BAND-SAWING-MACHINE OPERATOR (fabric. prod., n.e.c.)
BOWLING-BALL BUFFER (sports equip.)
BOWLING-BALL FINISHER (sports equip.)
BRANDING-MACHINE TENDER (rubber goods)
BUFFER (boot & shoe)
NAUMKEAG OPERATOR (boot & shoe)
BUFFER, AUTOMATIC (rubber goods)
BURNISHER (boot & shoe) I
EDGE BURNISHER, UPPERS (boot & shoe)
EDGE SETTER (boot & shoe)
BUTTON-DECORATING-MACHINE OPERATOR (button)
CEMENTER AND FOLDER, MACHINE (boot & shoe)
CEMENTER, MACHINE JOINER (boot & shoe)
CENTER-PUNCH OPERATOR (phonograph)
CHAFER BUILDER (rubber tire & tube)
CHANNEL CLOSER, OUTSOLES, MACHINE (boot & shoe)
CHANNELER, INSOLE (boot & shoe)
CHANNEL OPENER, OUTSOLES (boot & shoe)
CONTACT-LENS MOLDER (optical goods)
COUNTER CUTTER (boot & shoe)
COUNTER FORMER (boot & shoe)
COUNTER MOLDER (boot & shoe) I
COUNTER ROLLER (boot & shoe)
CURLER (fabric. prod., n.e.c.)
CUT-OUT-AND-MARKING-MACHINE OPERATOR (boot & shoe)
CUT-OUT-MACHINE OPERATOR (boot & shoe)
CUTTER (linoleum)
CUTTING-MACHINE TENDER (any ind.)
DESKIDDING-MACHINE OPERATOR (rubber goods)
DICER OPERATOR (plastics mat.)
DIELECTRIC TESTER (rubber goods)
DUAL-HOSE CEMENTER (rubber goods)
EDGE GRINDER (fabric. plastics prod.)
EDGE TRIMMER (boot & shoe)
ELECTRIC-SEALING-MACHINE OPERATOR (fabric. plastics prod.)

690.885 Embosser (boot & shoe)
Con. Fastener, Machine (boot & shoe)
Featheredger and Reducer, Machine (boot & shoe)
Film Spooler (photo. apparatus)
Finisher, Machine (fabric. plastics prod.)
Folder, Machine (boot & shoe)
Folding-Machine Operator (leather prod.)
Forepart Laster (boot & shoe)
Fountain Pen Turner (pen & pencil)
Groover and Turner (boot & shoe)
Heel Builder, Machine (boot & shoe)
Heel Compressor (boot & shoe)
Heel Gouger (boot & shoe)
Heel-Nailing-Machine Operator (boot & shoe)
Heel Pricker (boot & shoe)
Heel Scorer (boot & shoe)
Heel Seat Laster, Machine (boot & shoe)
Inker, Machine (boot & shoe)
Insole Beveler (boot & shoe)
Insole Reinforcer (boot & shoe)
Joint Cutter, Machine (boot & shoe)
Lacer (boot & shoe) II
Lamination Stacker, Machine (elec. equip.)
Leather-Belt Maker (leather prod.)
Lip Cutter and Scorer (boot & shoe)
Lip-of-Shank Cutter (boot & shoe)
Lumite Injector (boot & shoe)
Marker, Machine (boot & shoe)
Mat Puncher (rubber goods)
Molded-Rubber-Goods Cutter (rubber goods)
Molder, Labels (rubber goods)
Molding-Press Operator (bal. & scales)
Mottle-Lay-Up Operator (plastics mat.)
Nicker (boot & shoe)
Platen Grinder (typewriters & parts)
Plug Cutter (pen & pencil)
Pointing-Machine Operator (fabric. plastics prod.; rubber goods)
Pounder (boot & shoe)
Presser (rubber goods)
Roll Cutter (rubber goods)
Roll-Over-Press Operator (optical goods)
Rough-and-Trueing-Machine Operator (fabric. plastics prod.)
Rough Rounder, Machine (boot & shoe)
Rounder (boot & shoe) I
Seam-Rubbing-Machine Operator (boot & shoe)
Side Laster, Cement (boot & shoe)
Side Laster, Staple (boot & shoe)
Skiver (leather prod.)
Skiver, Machine (boot & shoe; rubber goods)
Slasher (plastics mat.)
Sole Leveler, Machine (boot & shoe)
Splitting-Machine Operator (rubber goods; rubber reclaim)
Stamping-Machine Operator (boot & shoe)
Strap-Cutting-Machine Operator (rubber goods)
Tack Puller, Machine (boot & shoe)
Taper, Machine (boot & shoe)
Tip Finisher (boot & shoe)
Tire Buffer (auto. ser.)
Toe Former, Stitchdowns (boot & shoe)
Toe Laster, Automatic (boot & shoe) I
Tread-Splice Presser (rubber tire & tube)
Trimmer, Machine (boot & shoe)
Inseam Trimmer (boot & shoe)
Tube Molder, Fiber Glass (fabric. plastics prod.)
Tube Splicer (rubber tire & tube) II
Unishank Molder (boot & shoe)
V-Belt Coverer (rubber goods)
V-Belt Finisher (rubber goods)
V-Belt Skiver (rubber goods)
Vulcanizer (boot & shoe)
Vulcanizing-Press Operator (boot & shoe)
Waxer (motion pic.)
Welt Beater (boot & shoe)
Welt Butter, Machine (boot & shoe)
Welt Cutter (boot & shoe)
Welt Wheeler (boot & shoe)
Width Stripper (boot & shoe)
Wire - Winding - Machine Tender (rubber goods)

691. Insulated Wire and Cable Fabricating

691.885 Armoring - Machine Operator (insulated wire)
Lagging-Machine Operator (insulated wire)
Lead Former (elec. equip.)
Pairing-Machine Operator (insulated wire)
Spooling-Machine Operator (insulated wire; wirework)
Utility Man, Extrusion Floorman (insulated wire)
Wire-Stripping-and-Cutting-Machine Operator, Automatic (any ind.)

692. Fabrication of Products from Assorted Materials

692.885 Adhesive-Bandage-Machine Operator (surgical appl.)
Air-Hole Driller (smoking pipe)
Bead Preparer (rubber goods)
Braiding-Machine Tender (rubber goods)
Buckle-Frame Shaper (button)
Button Stringer (knit goods)
Candle Molder, Machine (candle)
Capping-Machine Operator (elec. equip.)
Capping-Machine Operator, Automatic (fabric. metal prod., n.e.c.)
Cell Tuber, Machine (elec. equip.)
Cementer, Machine (rubber goods)
Gluing-Machine Operator (rubber goods)
Coating-Machine Operator (pen & pencil)
Component-Inserting-Machine Operator (electronics)
Component-Lead Former (electronics)
Crown-Assembly-Machine Operator (any ind.)
Dauber-Machine Operator (cork prod.)
De-Icer-Element Winder, Machine (rubber goods)
Design Inserter (fabric. plastics prod.)
Dielectric-Press Operator (auto. mfg.)
Dry-Charge-Process Attendant (elec. equip.)
Dynamite-Cartridge Crimper (explosives)
Filling-Machine Operator (elec. equip.; electronics)
Flex-O-Lator-Machine Operator (matt. & bedspring)
Foiling-Machine Operator (ammunition)
Funnel Coater, Automatic (electronics)
Gasket Winder (pipe & boiler cov.)
Glue-Machine Operator (pen & pencil)
Hinge Assembler (jewelry cases)
Kick-Press Operator (surgical appl.)
Laminating-Machine Operator (furn.)
Lamp-Shade Joiner (fabric. prod., n.e.c.)
Laying-Machine Operator (cork prod.)
Level-Glass-Vial Filler (cut. tools)
Light-Bulb Assembler (elec. equip.)
Loading-Machine Operator (ammunition) I
Loading-Unit Operator (ammunition)
Mask Shaper (electronics)
Mounter (elec. equip.) II
Palletizer Tender (asbestos prod.)
Pinking-Machine Operator (needle, pin, & rel. prod.)
Poultice-Machine Operator (drug. prep. & rel. prod.)
Primer-Inserting-Machine Operator (ammunition)
Protector-Plate Attacher (cut. tools)
Punch-Press Operator (linoleum)
Ribbon Inker (pen & pencil)
Sealer, Dry Cell (elec. equip.)
Seal-Extrusion Operator (elec. equip.)
Sealing-Machine Operator (elec. equip.)
Separator Operator (button)
Shlung-Machine Operator, Sequins (fabric. plastics prod.)
Shotgun-Shell-Assembly-Machine Operator (ammunition)
Shotgun-Shell-Loading-Machine Operator (ammunition)
Slicing-Machine Operator (button)
Sorter, Machine (button)
Spiral-Machine Operator (paper goods)
Spun-Paste-Machine Operator (elec. equip.)
Stamping-Machine Operator (pen & pencil)
Stapler, Machine (furn.; matt. & bedspring)

692.885 Stapling-Machine Operator (any ind.)
Con. Saddle-and-Side Wire Stitcher (print. & pub.)
Stem Maker (electronics)
Stop Attacher (needle, pin, & rel. prod.)
Tape Coater (abrasive & polish. prod.)
Taper, Machine (fabric. prod., n.e.c.)
Taping-Machine Tender (fabric. prod., n.e.c.)
Tinsel-Machine Operator (fabric. prod., n.e.c.)
Trim Attacher (cut. tools)
Tube Winder, Hand (pipe & boiler cov.)
Vacuum-Applicator Operator (signs)
Wicker, Molded Candles (candle)
Winder (sports equip.)
Window-Shade Cutter and Mounter (window shade & fix.)
Window-Shade-Ring Sewer (window shade & fix.)
Wire-Turning-Machine Operator (wood. box.)
Wood - Web - Weaving - Machine Operator (window shade & fix.)
Zipper-Machine Operator (needle, pin, & rel. prod.)
Zipper Trimmer, Machine (needle, pin, & rel. prod.)

694. Fabrication of Ordnance, Ammunition, and Related Products, n.e.c.

694.885 Anvil-Seating-Press Operator (ammunition)
Bullet-Assembly-Press Operator (ammunition)
Bullet - Lubricating - Machine Operator (ammunition)
Fuse-Cup Expander (ammunition)
Pellet-Press Operator (ammunition)
Pressman, Pyrotechnics (fireworks)
Primer-Waterproofing-Machine Operator (ammunition)
Rim-Fire-Priming Operator (ammunition)
Shell-Sieve Operator (ammunition)

699. Miscellaneous Machine Work, n.e.c.

699.885 Button-Attaching-Machine Operator (garment; hat & cap)
Cutter, Machine (any ind.) II
Eyelet-Machine Operator (any ind.)
Eyelet-Punch Operator (matt. & bedspring)
Power-Screwdriver Operator (any ind.)
Riveting-Machine Operator (any ind.) II

78 FABRICATION AND REPAIR OF TEXTILE, LEATHER, AND RELATED PRODUCTS

786. Machine Sewing, Garment

786.885 Sewing-Machine Operator, Special Equipment (garment)
Buttonhole-Machine Operator (garment)
Circular-Stitch Operator (garment)
Embroidery-Machine Operator (garment)
Eyelet-Machine Operator (garment) I
Fastener - Sewing - Machine Operator (garment)
Gimp-Buttonhole-Machine Operator (garment)
Slip-Stitch-Machine Operator (garment)
Tacking-Machine Operator (garment)
Tailored-Buttonhole-Machine Operator (garment)

787. Machine Sewing, Nongarment

787.885 Sewing-Machine Operator, Automatic (any ind.)
Bag-Making-Machine Tender (tex. bag)
Cordedge-Machine Operator (trim. & stamp. art goods)
Fastener-Sewing-Machine Operator, Automatic (needle, pin, & rel. prod.)
Gang Operator (fabric. plastics prod.; garment; house furn.)
Hemming-and-Tacking-Machine Operator (matt. & bedspring)
Needle-Control Chenille (house furn.)
Pillowcase Sewer, Automatic (textile)
Quilting-Machine Operator (glove & mit.; house furn.; trim. & stamp. art goods; waste & batting)

787.885 Con. SEWING-MACHINE OPERATOR, AUTOMATIC (any ind.)—Continued
SEWER-AND-CUTTER, FINGER-BUFF MATERIAL (tex. prod., n.e.c.)
SEWING-MACHINE OPERATOR, ZIPPER (needle, pin, & rel. prod.)
SHEET CUTTER (tex. bag)
SHIRRING-MACHINE OPERATOR, AUTOMATIC (house furn.)
STRAP-MACHINE OPERATOR, AUTOMATIC (garment; house furn.)
TRIMMING SEWER, AUTOMATIC (trim. & stamp. art goods)
TUFTING-MACHINE OPERATOR (carpet & rug; garment; house furn.)
SEWING-MACHINE OPERATOR, SPECIAL EQUIPMENT (any ind.)
BRIM STITCHER (hat & cap)
BUTTONHOLE-MACHINE OPERATOR (any ind.)
EMBROIDERY-MACHINE OPERATOR (knit goods)
FASTENER-SEWING-MACHINE OPERATOR (any ind.)
PLEATER (house furn.)
QUILTING-MACHINE OPERATOR (house furn.; matt. & bedspring)
RING ATTACHER (house furn.)
SERGING-MACHINE OPERATOR, AUTOMATIC (any ind.)
TACKER (elec. equip.)
TACKING-MACHINE OPERATOR (any ind.)
TUFTING-MACHINE OPERATOR (matt. & bedspring)

80 METAL FABRICATING, N.E.C.

805. Boilermaking and Related Work
805.885 BOILERMAKER HELPER (boilermaking) II

806. Transportation Equipment Assembling and Related Work
806.885 CABLE STRETCHER (aircraft mfg.)
TUBING OILER (aircraft mfg.)

81 WELDING, FLAME CUTTING, AND RELATED WORK

813. Resistance Welding
813.885 WELDER, RESISTANCE MACHINE (welding)

814. Brazing, Braze Welding, and Soldering
814.885 BRAZER, INDUCTION (welding) II
BRAZING-MACHINE OPERATOR (welding)
SOLDERING-MACHINE OPERATOR (jewelry)

82 ELECTRICAL ASSEMBLING, INSTALLING, AND REPAIRING

827. Large Household Appliance and Similar Commercial and Industrial Equipment Assembly, Installation, and Repair
827.885 GAS CHARGER (refrigerat. equip.)

84 PAINTING, PLASTERING, WATERPROOFING, CEMENTING, AND RELATED WORK

842. Plastering and Related Work
842.885 PLASTER-MACHINE TENDER (const.)

844. Cement and Concrete Finishing and Related Work
844.895 CEMENT-GUN-MIXING-MACHINE OPERATOR (conc. prod.; const.)
CEMENT-GUN OPERATOR (conc. prod.; const.)
GROUT-PUMP OPERATOR (const.)
MUD-JACK OPERATOR (const.)

849. Painting, Plastering, Waterproofing, Cementing, and Related Work, n.e.c.
849.885 GROUTMAN (ore dress., smelt., & refin.)

85 EXCAVATING, GRADING, PAVING, AND RELATED WORK

853. Asphalt Paving
853.885 ASPHALT-HEATER MAN (const.)

859. Excavating, Grading, Paving, and Related Work, n.e.c.
859.885 BOOTMAN (const.)
CRUSHER OPERATOR (conc. prod.; const.)
LOCK TENDER (const.) I
PUMPMAN, PORTABLE PUMP (const.)
SCRUBBER OPERATOR (const.)

86 CONSTRUCTION WORK, N.E.C.

862. Plumbing, Gas Fitting, Steam Fitting, and Related Work
862.885 PIPE-MACHINE OPERATOR (const.)

863. Asbestos and Insulation Work
863.885 BUILDING-INSULATING ENGINEMAN (const.; ret. tr.; whole. tr.)

869. Miscellaneous Construction Work, n.e.c.
869.885 BATCH-PLANT OPERATOR (const.)
CONCRETE-PUMP OPERATOR (const.)
KETTLEMAN (const.; roof. materials)
MORTAR MIXER (conc. prod.; const.)
PRECAST MOLDER (conc. prod.)

89 STRUCTURAL WORK, N.E.C.

891. Structural Maintenance, n.e.c.
891.885 STEAM-CLEANING-MACHINE OPERATOR (const.)

91 TRANSPORTATION WORK, N.E.C.

910. Railroad Transportation
910.885 CAR ICER (r.r. trans.)
GREASER, JOURNAL BOX (loco. & car bldg. & rep.; r.r. trans.)

914. Pumping and Pipeline Transportation
914.885 DREDGE OPERATOR, BRIDGE (mining & quarrying)
PUMPMAN (any ind.)
GAS-TRANSFER MAN (comp. & liquefied gases)
PUMPMAN, BREWERY (malt liquors)

92 PACKAGING AND MATERIALS HANDLING

920. Packaging
920.885 BANDER AND CELLOPHANER, MACHINE (tobacco)
BLISTER PACKER (pen & pencil)
BLOCKER (trim. & stamp. art goods)
BOTTLE PACKER (malt liquors)
BUNDLE TIER AND LABELER (plan. mill; sawmill)
CANDLE WRAPPING-MACHINE OPERATOR (candle)
CAN STRIPER (can. & preserv.)
CARDER (any ind.)
CARTON-PACKAGING-MACHINE OPERATOR (tobacco)
CIGARETTE-BOXING-MACHINE OPERATOR (tobacco)
CASE-LOADER OPERATOR (malt liquors)
CASE-PACKING-AND-SEALING-MACHINE OPERATOR, AUTOMATIC (tobacco)
CIGAR BRANDER (tobacco)
CIGARETTE-PACKING-MACHINE OPERATOR (tobacco)
COTTON BALER (agric.)
COTTON-ROLL PACKER (surgical appl.)
CRIMPING-MACHINE OPERATOR (distilled liquors)
FEED WEIGHER (corn prod.)
FILLING-AND-CRIMPING-MACHINE TENDER (ammunition)
FRUIT-PACKING-GRADER OPERATOR (agric.; whole. tr.)
HYDRAULIC-PRESS OPERATOR (tobacco)
LABELING-MACHINE OPERATOR (phonograph)
LABORER, RACK ROOM (malt liquors)
LACE-ROLLER OPERATOR (leather prod.)
PACKAGER, MACHINE (any ind.)
PACKAGE SEALER (any ind.)
PACKER OPERATOR, AUTOMATIC (tobacco)
PACKING-MACHINE-PILOT CAN-ROUTER (tobacco)
ROLL FINISHER (paper & pulp)
SNUFF-PACKING-MACHINE OPERATOR (tobacco)
STEAMER (malt liquors)
TOBACCO-BUNDLING-MACHINE OPERATOR (tobacco)
TOBACCO-PACKING-MACHINE OPERATOR (tobacco)
POUCH-MAKING-MACHINE OPERATOR (tobacco)
UTILITY MAN, EXPORT DEPARTMENT (tobacco)
WEASAND PACKER, MACHINE (tobacco)
WEASAND WASHER (tobacco)
WRAPPER (wirework)
WRAPPING-AND-CUTTING-MACHINE OPERATOR (food prep., n.e.c.)

921. Hoisting and Conveying
921.885 BULL-CHAIN OPERATOR (sawmill)
CAGE TENDER (const.)
COAL-TRIMMER-MACHINE OPERATOR (water trans.)
921.885 Con. CONVEYOR MAN (ammunition)
CONVEYOR TENDER (tobacco)
COOKER LOADER (grease & tallow)
DRIER-TAKE-OFF MAN (elec. equip.)
ELECTRIC-FORK OPERATOR (agric.)
GRAIN-ELEVATOR-MOTOR STARTER (grain & feed mill.)
GRAIN RECEIVER (corn prod.)
LEAF-STORAGE STACKER (tobacco)
PRODUCTION-SUPPLY MAN (food prep., n.e.c.)

922. Materials Moving and Storing, n.e.c.
922.885 BARREL FILLER (vinous liquors)
BINMAN (coke prod.)
BOAT LOADER (water trans.) I
CEMENT LOADER AND SACKER (cement)
CHIP-BIN MAN (paper & pulp)
DUMP OPERATOR (any ind.)
FISH BAILER (fish.)
FLUMER (sugar) I
PIGMENT PUMPER (rubber reclaim.)

929. Packaging and Materials Handling, n.e.c.
929.885 BALING-MACHINE OPERATOR (any ind.)
BUNDLER (print. & pub.)
PRESSER (asbestos prod.)
BOX-BRANDING-MACHINE OPERATOR (any ind.)
COMPRESS OPERATOR (agric.)
TYING-MACHINE OPERATOR (paper goods)
TYING-MACHINE OPERATOR (woodworking)

93 EXTRACTION OF MINERALS

930. Boring, Drilling, Cutting, and Related Work
930.885 MUD-CLEANING MACHINE OPERATOR (petrol. production)
MUD-PLANT OPERATOR (petrol. production)

932. Loading and Conveying
932.885 AERIAL-TRAM OPERATOR (mining & quarrying)

934. Screening and Related Work
934.885 CONE OPERATOR (mining & quarrying)
FLOATER (mining & quarrying)
JIG RUNNER (mining & quarrying)
SHAKER TENDER (mining & quarrying)
SPIRAL RUNNER (mining & quarrying)

95 PRODUCTION AND DISTRIBUTION OF UTILITIES

950. Stationery Engineering
950.885 AIR-COMPRESSOR OPERATOR (any ind.)
BOILER-ROOM HELPER (any ind.) I
HUMIDIFIER ATTENDANT (textile; tobacco)
VENTILATION MAN (any ind.)

951. Firing and Related Work
951.885 COAL-SUBSTATION ATTENDANT (any ind.)
FIREMAN, HIGH PRESSURE (any ind.)
FIREMAN, LOW PRESSURE (any ind.)
FIREMAN, MARINE (water trans.)

952. Generation, Transmission, and Distribution of Electric Light and Power
952.885 LABORER, POWERHOUSE (light, heat, & power)

954. Filtration, Purification, and Distribution of Water
954.885 BASIN OPERATOR (waterworks)
RIVER-PUMP ATTENDANT (waterworks)

955. Refuse and Sewage Disposal
955.885 SEWAGE-PLANT ATTENDANT (sanitary ser.)

96 AMUSEMENT, RECREATION, AND MOTION PICTURE WORK, N.E.C.

962. Motion Picture Production, n.e.c.
962.885 DUBBING-MACHINE OPERATOR (motion pic.)
FILM INSPECTOR (motion pic.) II

97 GRAPHIC ART WORK

971. Photoengraving
971.885 COPYMAN (print. & pub.)
PRINTING-CHASE OPERATOR (electronics)

976. Darkroom Work, n.e.c.
976.885 DEVELOPER, COLOR PHOTOGRAPHY (bus. ser.)
DEVELOPING-MACHINE OPERATOR (motion pic.)
FILM-DRYING-MACHINE OPERATOR (motion pic.)
MOUNTER, COLOR FILM (any ind.)
PRINT DEVELOPER, MACHINE (any ind.)
PACO-MACHINE OPERATOR (any ind.)
X-RAY DEVELOPING-MACHINE OPERATOR (medical ser.)

977. Bookbinding and Related Work
977.885 CASE-MAKING-MACHINE OPERATOR (print. & pub.)

MANAGERIAL AND SUPERVISORY WORK

		Page
.118, .168	Administration *see under* BUSINESS RELATIONS	237
.128	Supervisory and Instructive Work (Nursing and Related Services) *see under* EDUCATION AND TRAINING	333
.130, .131, .132, .133, .134, .137	Supervisory Work (Farming, Logging, Manufacturing, Processing, Construction, Transportation, and Related Activities) *see under* CRAFTS	299
.138	Supervisory Work (Clerical, Sales, and Related Activities) *see under* BUSINESS RELATIONS	243
.138	Supervisory Work (Farming, Logging, Manufacturing, Processing, Construction, Transportation, and Related Activities) *see under* CRAFTS	305
.138	Supervisory Work (Service and Related Activities)	461
.168	Managerial Work *see under* BUSINESS RELATIONS	245

SUPERVISORY WORK (SERVICE AND RELATED ACTIVITIES)

.138

Work Performed

Work activities in this group primarily involve supervising and coordinating activities of personnel engaged in serving or performing personal services for others.

Worker Requirements

An occupationally significant combination of: Ability to become familiar with one or more service activities; ability to plan and direct activities in a manner which promotes coordinated effort and the prompt completion of individual assignments; ability to communicate effectively with superiors and subordinates and prepare written reports when required; ability to compute quantities and costs of supplies; clerical perception to detect errors in records; ability to motivate people to work cooperatively and conscientiously in activities typically involving contact with people; and ability to perform duties of subordinates and train new employees when required.

Clues for Relating Applicants and Requirements

Experience in leading group activities such as those that occur in civic or recreational organizations.

Training in some service activity together with indication that supervisory qualities are present.

Training and Methods of Entry

Preparation for supervisory responsibility in services and related work generally involves several years of qualifying experience in less complex jobs in a specific type of service work. Employers typically place strong emphasis on personal qualities which contribute to effectiveness in interpersonal relationships when selecting people for these positions.

RELATED CLASSIFICATIONS

Supervisory Work (Clerical, Sales, and Related Activities) (.128) p. 243
Managerial Work (.168) p. 245
Miscellaneous Personal Service Work (Food Serving, Portering, Valeting, and Related Activities) (.868; .878) p. 507
Child and Adult Care (.878) p. 479
Accommodating Work (.868) p. 505
Miscellaneous Customer Service Work (.863; .864; .865; .867; .873; .874; .877;) p. 503

QUALIFICATIONS PROFILE

GED: 4 3
SVP: 6 7
Apt: GVN SPQ KFM EC
3 3 4 4 4 3 4 4 4 5 5
3 3 3 4 4
Int: 2 5 9
Temp: 1 4 5
Phys. Dem: S L 5

18 **MANAGERIAL WORK, N.E.C.**
187. **Service Industry Management**
187.138 HOUSE MOTHER (any ind.)
30 **DOMESTIC SERVICES**
303. **Housekeeping, Private Family**
303.138 HOUSEKEEPER, HOME (dom. ser.) I
309. **Domestic Services, n.e.c.**
309.138 BUTLER (dom. ser.)
31 **FOOD AND BEVERAGE PREPARATION AND SERVICE**
310. **Food and Beverage Service, Except Ship Stewards**
310.138 KITCHEN SUPERVISOR (hotel & rest.)
STEWARD (hotel & rest.)
STEWARD, BANQUET (hotel & rest.)
STEWARD, RAILROAD DINING CAR (r.r. trans.)
311. **Food Serving**
311.138 COUNTER SUPERVISOR (hotel & rest.)
WAITER, CAPTAIN (hotel & rest.)
WAITER, HEAD (hotel & rest.)
WAITER, BANQUET, HEAD (hotel & rest.)
313. **Cooking, Large Hotels and Restaurants**
313.138 BAKER, HEAD (hotel & rest.)
COOK, HEAD, SCHOOL CAFETERIA (hotel & rest.)
315. **Miscellaneous Cooking, Except Domestic**
315.138 CHEF, PASSENGER VESSEL (water trans.)
SOUS CHEF (water trans.)
318. **Kitchen Work, n.e.c.**
318.138 KITCHEN STEWARD (hotel & rest.)
319. **Food and Beverage Preparation and Service, n.e.c.**
319.138 FOOD-SERVICE SUPERVISOR (hotel & rest.)
MANAGER, FLIGHT KITCHEN (hotel & rest.)
MANAGER, INDUSTRIAL CAFETERIA (hotel & rest.)
32 **LODGING AND RELATED SERVICES**
320. **Boardinghouse and Lodginghouse Keeping**
320.138 MANAGER, BOARDING HOUSE (hotel & rest.)
321. **Housekeeping, Hotels and Institutions**
321.138 HOUSEKEEPER (hotel & rest.; medical ser.)
INSPECTRESS (hotel & rest.)
324. **Bellman and Related Services**
324.138 BAGGAGE PORTER, HEAD (hotel & rest.)
BELL CAPTAIN (hotel & rest.)
329. **Lodging and Related Services, n.e.c.**
329.138 SUPERINTENDENT, SERVICE (hotel & rest.)
33 **BARBERING, COSMETOLOGY, AND RELATED SERVICES**
332. **Beautician Services**
332.138 SUPERVISOR, MAKEUP (motion pic.)
34 **AMUSEMENT AND RECREATION SERVICES**
341. **Golf Course, Tennis Court, Skating Rink, and Related Services**
341.138 CADDIE MASTER (amuse. & rec.)
343. **Gambling Hall Services**
343.138 MANAGER, CARDROOM (amuse. & rec.)
SUPERVISOR, CARDROOM (amuse. & rec.)
344. **Ushering**
344.138 USHER, HEAD (amuse. & rec.)
35 **MISCELLANEOUS PERSONAL SERVICES**
350. **Ship Steward Service**
350.138 HEADWAITER (water trans.)
STEWARD, CHIEF, CARGO VESSEL (water trans.)
STEWARD, CHIEF, PASSENGER SHIP (water trans.)
STEWARD, SECOND (water trans.)
STEWARD, THIRD (water trans.)
356. **Animal Care, n.e.c.**
356.138 ANIMAL KEEPER, HEAD (amuse. & rec.)
ANIMAL MAN, HEAD (amuse. & rec.)
36 **APPAREL AND FURNISHINGS SERVICES**
361. **Laundering Service**
361.138 LAUNDRY FOREMAN (laund.)
369. **Apparel and Furnishings Services, n.e.c.**
369.138 DRY-CLEANING SUPERINTENDENT (clean., dye., & press.)
38 **BUILDING AND RELATED SERVICES**
382. **Janitorial Service**
382.138 FOREMAN, MAINTENANCE (chem.)
388. **Elevator Service**
388.138 ELEVATOR STARTER (any ind.)
389. **Building and Related Services, n.e.c.**
389.138 EXTERMINATOR SUPERVISOR (bus. ser.)
SUPERVISOR, MAINTENANCE AND CUSTODIANS (education)

MATHEMATICS AND SCIENCE

		Page
.021	Health Physics	464
.081	Scientific Research	466
.088	Social Science, Psychological, and Related Research *see under* COUNSELING, GUIDANCE, AND SOCIAL WORK	294
.088, .188	Mathematics, Physical Sciences, and Related Research	468
.168	Engineering, Scientific, and Technical Coordination *see under* ENGINEERING	375
.181, .281, .381	Materials Analysis and Related Work *see under* INVESTIGATING, INSPECTING, AND TESTING	418
.188, .288	Accounting, Auditing, and Related Work *see under* BUSINESS RELATIONS	252
.384	Technical Work, Science and Related Fields *see under* FARMING, FISHING, AND FORESTRY	413

HEALTH PHYSICS

.021

Work Performed

Work activities in this group primarily involve conducting research and devising and monitoring training programs designed to protect plant and laboratory workers from such health hazards as radiation.

Worker Requirements

An occupationally significant combination of: Intellectual capacity and interest to acquire necessary academic background and to absorb and interpret scientific theories and data; thoroughness and penchant for detail; an inquisitive mind and fertile imagination; ability to perceive minute differences in forms and compositional characteristics; and an analytical mind to plan programs of instruction.

Clues for Relating Applicants and Requirements

Expressed preference for research work.
Active participation in extracurricular science activities.
Academic success in scientific coursework in college.
Experience assisting instructors in course work.

Training and Methods of Entry

A graduate degree in physics is usually required by the employer.

RELATED CLASSIFICATIONS

Materials Analysis and Related Work (.181; .281; .381) p. 418
Scientific Research (.081) p. 366
Medical, Veterinary, and Related Services (.108) p. 473

QUALIFICATIONS PROFILE

GED: 6
SVP: 8

Apt:	GVN	SPQ	KFM	EC
	1 1 2	2 4 4	4 4 4	5 4

Int: 1 7 0
Temp: 4 5 0
Phys. Dem: S 5 6

07 **MEDICINE AND HEALTH**
079. **Medicine and Health, n.e.c.**
079.021 HEALTH PHYSICIST (profess. & kin.)

SCIENTIFIC RESEARCH

.081

Work Performed

Work activities in this group primarily involve applying principles of chemistry, physics, metallurgy, and astronomy to (1) basic research designed to increase man's knowledge of the properties of matter and energy, (2) applied research designed to utilize the knowledge gained from basic research in order to develop new products and processes, and (3) the solution of practical scientific problems.

Worker Requirements

An occupationally significant combination of: Intellectual capacity and interest sufficient to acquire necessary academic background and to absorb and interpret scientific theories and data; thoroughness and penchant for detail; a facility with mathematics; and an inquisitive mind and fertile imagination.

Clues for Relating Applicants and Requirements

Expressed preference for research work.
Academic success in scientific coursework in college.
Active participation in extracurricular science activities.
Experience assisting instructors in coursework.

Training and Methods of Entry

A bachelor's degree with a major in the specialty area is the minimum requirement for entrance into the field, with graduate degrees needed for more responsible research work and teaching. A master's degree usually qualifies an individual for a position in applied research and for a laboratory teaching position in a college, university, or industrial research setting. A Ph. D. is generally required for a position in basic research and more advanced entry positions.

RELATED CLASSIFICATIONS

Materials Analysis and Related Work (.181; .281; .381) p. 418
High School, College, University, Tutoring, and Related Education (.228) p. 341
Health Physics (.021) p. 464
Mathematics, Physical Sciences, and Related Research (.088; .188) p. 468
Technical Work, Science and Related Fields (.384) p. 413
Engineering, Scientific, and Technical Coordination (.168) p. 375

QUALIFICATIONS PROFILE

GED: 5 6
SVP: 7 8

Apt:	GVN	SPQ	KFM	EC
	1 1 1	1 1 1	2 2 2	3 2
	2 2 2	2 2 2	3 3 3	4 3
		3		5

Int: 1 7 8
Temp: 1 9 0 Y
Phys. Dem: S L 2 3 4 5 6

02 **MATHEMATICS AND PHYSICAL SCIENCES**

022. Chemistry

022.081 CHEMIST, ANALYTICAL (profess. & kin.)
CHEMIST, INORGANIC (profess. & kin.)
CHEMIST, GLASS (glass mfg.)
CHEMIST, ORGANIC (profess. & kin.)
CHEMIST, AGRICULTURAL (profess. & kin.)
CHEMIST, DYE (profess. & kin.)
CHEMIST, FOOD (profess. & kin.)
CHEMIST, INDUSTRIAL ALCOHOLS (profess. & kin.)
CHEMIST, LEATHER (profess. & kin.)
CHEMIST, TEXTILE (profess. & kin.)
CHEMIST, PHYSICAL (profess. & kin.)

023. Physics

023.081 PHYSICIST (profess. & kin.)
PHYSICIST, ACOUSTICS (profess. & kin.)
PHYSICIST, ATOMIC AND MOLECULAR (profess. & kin.)
PHYSICIST, ELECTRICITY AND MAGNETISM (profess. & kin.)
PHYSICIST, ELECTRONICS (profess. & kin.)
PHYSICIST, HEAT (profess. & kin.)
PHYSICIST, LIGHT (profess. & kin.)
PHYSICIST, MECHANICS (profess. & kin.)
PHYSICIST, NUCLEAR (profess. & kin.)
PHYSICIST, SOLID-STATE (profess. & kin.)

024. Geology

024.081 CRYSTALLOGRAPHER (clock & watch)
GEOLOGIST (profess. & kin.)
GEOLIGIST, PETROLEUM (petrol. production)
GEOMORPHOLOGIST (profess. & kin.)
MINERALOGIST (profess. & kin.)
OCEANOGRAPHER, GEOLOGICAL (profess. & kin.)
PALEONTOLOGIST (profess. & kin.)
PETROLOGIST (profess. & kin.)
PHOTOGEOLOGIST (profess. & kin.)
STRATIGRAPHER (profess. & kin.)
GEOPHYSICIST (profess. & kin.)
GEODESIST (profess. & kin.)
GEOMAGNETICIAN (profess. & kin.)
GEOPHYSICAL PROSPECTOR (petrol. production)

024.081 Con. GLACIOLOGIST (profess. & kin.)
HYDROLOGIST (profess. & kin.)
OCEANOGRAPHER, PHYSICAL (profess. & kin.)
SEISMOLOGIST (profess. & kin.)
TECTONOPHYSICIST (profess. & kin.)
VOLCANOLOGIST (profess. & kin.)

04 **LIFE SCIENCES**

040. Agricultural Sciences

040.081 AGRONOMIST (profess. & kin.)
ANIMAL-FIBER TECHNOLOGIST (profess. & kin.)
ANIMAL HUSBANDMAN (profess. & kin.)
DAIRY HUSBANDMAN (profess. & kin.)
DAIRY TECHNOLOGIST (profess. & kin.)
FOREST ECOLOGIST (profess. & kin.)
FORESTER (profess. & kin.)
HORTICULTURIST (profess. & kin.)
HORTICULTURAL-PRODUCTS SPECIALIST (profess. & kin.)
OLERICULTURIST (profess. & kin.)
ORNAMENTAL HORTICULTURIST (profess. & kin.)
POMOLOGIST (profess. & kin.)
POULTRY HUSBANDMAN (profess. & kin.)
RANGE MANAGER (profess. & kin.)
SILVICULTURIST (profess. & kin.)
SOIL CONSERVATIONIST (profess. & kin.)
SOIL SCIENTIST (profess. & kin.)
AGROGEOLOGIST (profess. & kin.)
SOIL-FERTILITY EXPERT (profess. & kin.)
WOOD TECHNOLOGIST (profess. & kin.)

041. Biological Sciences

041.081 ANATOMIST (profess. & kin.)
BIOCHEMIST (profess. & kin.)
BIOLOGIST (profess. & kin.)
AQUATIC BIOLOGIST (profess. & kin.)
CYTOLOGIST (profess. & kin.)
BIOPHYSICIST (profess. & kin.)
BOTANIST (profess. & kin.)
ECONOMIST BOTANIST (profess. & kin.)
PLANT ECOLOGIST (profess. & kin.)
PLANT TAXONOMIST (profess. & kin.)
ENTOMOLOGIST (profess. & kin.)
APICULTURIST (profess. & kin.)
GENETICIST (profess. & kin.)
ANIMAL BREEDER (profess. & kin.)
PLANT BREEDER (profess. & kin.)

041.081 Con. MICROBIOLOGIST (profess. & kin.)
DAIRY BACTERIOLOGIST (profess. & kin.)
FISHERY BACTERIOLOGIST (profess. & kin.)
FOOD BACTERIOLOGIST (profess. & kin.)
INDUSTRIAL BACTERIOLOGIST (profess. & kin.)
MEDICAL BACTERIOLOGIST (profess. & kin.)
PHARMACEUTICAL BACTERIOLOGIST (profess. & kin.)
SOIL BACTERIOLOGIST (profess. & kin.)
MYCOLOGIST (profess. & kin.)
MUSHROOM-SPAWN MAKER (profess. & kin.)
PARASITOLOGIST (profess. & kin.)
HELMINTHOLOGIST (profess. & kin.)
PROTOZOOLOGIST (profess. & kin.)
PHARMACOLOGIST (profess. & kin.)
PHYSIOLOGIST (profess. & kin.)
MEDICAL PHYSIOLOGIST (medical ser.)
PLANT PHYSIOLOGIST (profess. & kin.)
PLANT NEMATOLOGIST (profess. & kin.)
PLANT PATHOLOGIST (profess. & kin.)
ZOOLOGIST (profess. & kin.)
ANIMAL ECOLOGIST (profess. & kin.)
INVERTEBRATE ZOOLOGIST (profess. & kin.)

07 **MEDICINE AND HEALTH**

070. Medicine and Surgery

070.081 PATHOLOGIST (medical ser.)

072. Dentistry

072.081 ORAL PATHOLOGIST (medical ser.)

073. Veterinary Medicine and Surgery

073.081 VETERINARIAN, LABORATORY ANIMAL CARE (medical ser.)
VETERINARY ANATOMIST (profess. & kin.)
VETERINARY BACTERIOLOGIST (profess. & kin.)
VETERINARY EPIDEMIOLOGIST (profess. & kin.)
VETERINARY PARASITOLOGIST (medical ser.)
VETERINARY PATHOLOGIST (medical ser.)
VETERINARY PHARMACOLOGIST (profess. & kin.)
VETERINARY PHYSIOLOGIST (profess. & kin.)
VETERINARY VIROLOGIST (profess. & kin.)

077. Dietetic Work

077.081 RESEARCH NUTRITIONIST (profess. & kin.)

MATHEMATICS, PHYSICAL SCIENCES, AND RELATED RESEARCH

.088; .188

Work Performed

Work activities in this group primarily involve investigation into atmospheric, astronomical, and geographical phenomena and conditions, into theoretical aspects of physics and mathematics, and into automatic data-processing systems and programs. Typically, workers are engaged in collecting and analyzing data on the nature, composition, structure, and other features of the earth, atmosphere, and celestial bodies; in formulating theories on time, space, weather, matter and energy, motion of heavenly bodies, and other aspects of the physical world; in analyzing data-processing problems, stating problems in computer language, and determining computational methods and sequence of machine operations for solution of problems; in developing new mathematical and statistical methods, formulas, and relationships; and in communicating research findings through reports, lectures, technical publications, and other media.

Worker Requirements

An occupationally significant combination of: Ability to understand the basic laws of nature and scientific methods of investigation; inventiveness; ability to represent and relate abstract ideas by means of symbols; organizational ability; retentive memory; clerical perception; lucid verbal expression; ability to perceive or envision relative paths or positions of stationary and moving objects; and the ability to grasp mathematical and statistical concepts.

Clues for Relating Applicant and Requirements

Level of attainment in language and mathematics as indicated by scores on aptitude tests and grades in school.
Interest in figures or numbers.
Interest in scientific and technological developments.
Kind of literature read (whether scientifically oriented or not).

Training and Methods of Entry

A bachelor's degree in the appropriate subject matter, such as mathematics, astronomy, and geography, is the minimum educational requirement for entrance into this type of work. For the more responsible research positions an advanced degree is necessary. A Ph. D. is usually essential for entrance into astronomy. Workers in pure mathematics seldom require training in a particular field, but those in applied mathematics must acquire knowledge of the field in which mathematics is used.

RELATED CLASSIFICATIONS

Scientific Research (.081) p. 466
High School, College, University, Tutoring, and Related Education (.228) p. 341
Engineering, Scientific, and Technical Coordination (.168) p. 375
Materials Analysis and Related Work (.181; .281; .381) p. 418
Technical Work, Science and Related Fields (.384) p. 413

QUALIFICATIONS PROFILE

GED: 6 5
SVP: 8 7

Apt:	GVN	SPQ	KFM	EC
	1 1 1	1 3 2	4 4 4	5 5
	2 2 2	2 2 3		

Int: 7 8
Temp: 4 0 9
Phys. Dem: S 4 6

00 ARCHITECTURE AND ENGINEERING

014. Marine Engineering

014.188 DRAFTSMAN, HULL-BALLAST CALCULATION (ship & boat bldg. & rep.)
DRAFTSMAN, HULL-STRESS CALCULATION (ship & boat bldg. & rep.)

02 MATHEMATICS AND PHYSICAL SCIENCES

020. Mathematics

020.088 ENGINEERING ANALYST (profess. & kin.) I
MATHEMATICIAN (profess. & kin.)
INFORMATION SCIENTIST (profess. & kin.)
OPERATIONS-RESEARCH ANALYST (profess. & kin.)
STATISTICIAN, MATHEMATICAL (profess. & kin.)

020.188 ACTUARY (profess. & kin.)
FINANCIAL ANALYST (profess. & kin.)
MATHEMATICAL TECHNICIAN (profess. & kin.)
PROGRAMER, BUSINESS (profess. & kin.)
PROGRAMER ENGINEERING AND SCIENTIFIC (profess. & kin.)
STATISTICIAN, APPLIED (profess. & kin.)
DEMOGRAPHER (profess. & kin.)
STATISTICIAN, BIOLOGICAL AND AGRICULTURAL SCIENCE (profess. & kin.)
STATISTICIAN, BUSINESS AND ECONOMICS (profess. & kin.)
STATISTICIAN, PHYSICAL SCIENCE AND ENGINEERING (profess. & kin.)

020.188 STATISTICIAN, APPLIED Continued
Con. STATISTICIAN, SOCIAL SCIENCE (profess. & kin.)
STATISTICIAN, VITAL (profess. & kin.)
WEIGHT ANALYST (aircraft mfg.)
WEIGHT ANALYST, AIRCRAFT (aircraft mfg.)

021. Astronomy

021.088 ASTRONOMER (profess. & kin.)

023. Physics

023.088 PHYSICIST, THEORETICAL (profess. & kin.)

025. Meteorology

025.088 METEOROLOGIST (profess. & kin.)
CLIMATOLOGIST (profess. & kin.)

029. Mathematics and Physical Sciences, n.e.c.

029.088 GEOGRAPHER (profess. & kin.)
PHYSICAL GEOGRAPHER (profess. & kin.)

MEDICINE AND HEALTH

		Page
.021	Health Physics *see under* MATHEMATICS AND SCIENCE	464
.101	Surgery	471
.108	Medical, Veterinary, and Related Services	473
.128	Supervisory and Instructive Work (Nursing and Related Services) *see under* EDUCATION AND TRAINING	333
.128, .228	Therapeutic and Related Work	475
.181, .281, .381	Materials Analysis and Related Work *see under* INVESTIGATING, INSPECTING, AND TESTING	418
.228	Physical Education *see under* EDUCATION AND TRAINING	347
.368, .378	Nursing, X-Ray, and Related Services	477
.878	Child and Adult Care	479

SURGERY

.101

Work Performed

Work activities in this group primarily involve diagnosis and treatment of human disease, injury, and deformity by manual or instrumental operations.

Worker Requirements

An occupationally significant combination of: Intellectual capacity to comprehend a wide variety of subjects in basic medical sciences and college-level courses in humanities and social sciences; ability to learn and apply principles and substance of medical disciplines; analytical ability to derive nature, origin, and probable course of illness or injury from diagnostic and historical information; verbal ability to learn and use medical terminology; spatial perception to visualize position and arrangement of unseen organs, bony structures, and body tissue from X-ray photographs and knowledge of anatomy; form perception to see details in body tissues and structures; combination of finger and manual dexterity and motor coordination as required to use surgical instruments and apparatus with precision and speed; ability to make quick decisions and perform difficult tasks under stress; and stamina to maintain high level of concentration, alertness, and performance during prolonged periods.

Clues for Relating Applicants and Requirements

Demonstrated intellectual ability at college or university level.

Interest in science as it relates to health and welfare of people.

Training and Methods of Entry

Preparation to practice surgery requires 8 to 9 years of premedical and medical training leading to the doctor of medicine degree, followed by 3 to 6 years of advanced training and experience directed toward development of specialized skills required in the operating room. Successful completion of a licensure examination is required in all States and the District of Columbia. In addition, doctors of medicine seeking to specialize in surgery must satisfy the requirements specified by an examining board in order to gain certification and professional recognition.

RELATED CLASSIFICATIONS

Scientific Research (.081) p. 466
Materials Analysis and Related Work (.181; .281; .381) p. 418
Medical, Veterinary, and Related Services (.108) p. 473
Nursing, X-Ray, and Related Services (.368; .378) p. 477

QUALIFICATIONS PROFILE

GED: 6
SVP: 8

Apt:	GVN	SPQ	KFM	EC
	1 1 2	1 1 2	1 1 1	5 3
	3		2 2	

Int: 7 4 5
Temp: 9 0 5 8
Phys. Dem: S L 4 5 6

07 **MEDICINE AND HEALTH**
070. **Medicine and Surgery**
070.101 SURGEON (medical ser.) I
ORTHOPEDIC SURGEON (medical ser.)
072. **Dentistry**
072.101 ORAL SURGEON (medical ser.)

MEDICAL, VETERINARY, AND RELATED SERVICES

.108

Work Performed

Work activities in this group primarily involve applying knowledge of medical science to the diagnosis, prevention, and treatment of human and animal diseases, disorders, and injuries. Activities may be general in nature, but specialization in the treatment of specific illnesses or specific areas of the body is also common. Specializations in surgery are not included in this group.

Worker Requirements

An occupationally significant combination of: Intellectual capacity to comprehend a wide variety of subjects in basic medical sciences and college-level courses in humanities and social sciences; analytical ability to derive nature, origin, and probable course of illness or disorder from diagnostic and historical information; verbal ability to learn and use terminology; spatial perception to visualize position and arrangement of unseen organs, bony structures, and tissues from X-ray photographs and knowlege of anatomy; numerical ability for study of chemistry, physics, calculus, and other basic subjects; form perception to observe physical manifestations of disease or tissue damage; stamina to work long and irregular hours when required; and some finger dexterity for adminstering injections and performing autopsies.

Clues for Relating Applicants and Requirements

Demonstrated intellectual ability at the college or university level.

Interest in scientific fields, as demonstrated by reading habits, club memberships, and hobbies.

Interest in the health and welfare of people.

Training and Methods of Entry

Three to four years of premedical college study, followed by 4 years of medical training and 1 year internship is generally recognized as the minimum preparation for medical doctors. Specialization in any of the 32 fields recognized by the medical profession requires another 4 to 6 years of advanced hospital training and experience. Two to three years of preveterinary or predental college work, followed by 4 years of study in a school of veterinary medicine or dentistry is the generally recognized minimum preparation for veterinarians and dentists. Doctors of medicine, veterinary medicine, and dentistry must pass licensure examinations to practice in all States and the District of Columbia. In addition to having their own private practices, workers are employed in Federal, State, and local government, the military services, and the U.S. Public Health Service. Full-time or part-time teaching and research positions in colleges, government agencies, and private foundations may be available to people with advanced training and experience, particularly in the various specialties.

RELATED CLASSIFICATIONS

Scientific Research (.081) p. 466
Materials Analysis and Related Work (.181; .281; .381) p. 418
Animal Care (.874; .877) p. 511
Child and Adult Care (.878) p. 479
Health Physics (.021) p. 464
Nursing, X-Ray, and Related Services (.368; .378) p. 477
Surgery (.101) p. 471

QUALIFICATIONS PROFILE

GED: 5 6
SVP: 7 8

Apt:	GVN	SPQ	KFM	EC
	1 1 2	1 2 2	2 2 2	5 3
	2 1	2 1		

Int: 7 4 5
Temp: 9 0 5
Phys. Dem: S L 4 5 6

07 **MEDICINE AND HEALTH**
070. **Medicine and Surgery**
070.108 ANESTHESIOLOGIST (medical ser.)
CARDIOLOGIST (medical ser.)
DERMATOLOGIST (medical ser.)
FLIGHT SURGEON (medical ser.)
GENERAL PRACTITIONER (medical ser.)
PHYSICIAN, OCCUPATIONAL (medical ser.)
GYNECOLOGIST (medical ser.)
INTERN (medical ser.)
MEDICAL OFFICER (gov. ser.)
NEUROLOGIST (medical ser.)
OBSTETRICIAN (medical ser.)
OPHTHALMOLOGIST (medical ser.)
OTOLARYNGOLOGIST (medical ser.)
PEDIATRICIAN (medical ser.)
070.108 PHYSIATRIST (medical ser.)
Con. PHYSICIAN, HEAD (medical ser.)
POLICE SURGEON (gov. ser.)
PROCTOLOGIST (medical ser.)
PSYCHIATRIST (medical ser.)
RADIOLOGIST (medical ser.)
UROLOGIST (medical ser.)
071. **Osteopathy**
071.108 OSTEOPATHIC PHYSICIAN (medical ser.)
072. **Dentistry**
072.108 DENTIST (medical ser.)
PEDODONTIST (medical ser.)
ORTHODONTIST (medical ser.)
PERIODONTIST (medical ser.)
PROSTHODONTIST (medical ser.)
PUBLIC-HEALTH DENTIST (medical ser.)
073. **Veterinary Medicine and Surgery**
073.108 VETERINARIAN (medical ser.)
POULTRY-FIELD MAN (agric.)
VETERINARIAN, PUBLIC HEALTH (gov. ser.)
VETERINARY RADIOLOGIST (medical ser.)
079. **Medicine and Health, n.e.c.**
079.108 AUDIOLOGIST (profess. & kin.)
CHIROPRACTOR (medical ser.)
DOCTOR, NATUROPATHIC (medical ser.)
HEARING CLINICIAN (profess. & kin.)
OPTOMETRIST (profess. & kin.)
PODIATRIST (medical ser.)
SPEECH-AND-HEARING CLINICIAN (profess. & kin.)
SPEECH CLINICIAN (profess. & kin.)
SPEECH PATHOLOGIST (profess. & kin.)

THERAPEUTIC AND RELATED WORK

.128; .228

Work Performed

Work activities in this group primarily involve planning, organizing, directing, and participating in recreational, educational, vocational, and social programs designed to aid in the rehabilitation of the physically or mentally ill or handicapped.

Worker Requirements

An occupationally significant combination of: Ability to comprehend such subjects as psychology, anatomy, and physiology, and to develop appropriate skills in arts and crafts; ability to relate subject matter and skills to therapeutic needs of individuals; ability to plan and direct activities of individuals or groups, and to evaluate effectiveness of activities in relation to changing needs of participants; ability to achieve and maintain empathy and rapport with physically disabled and mentally ill people; and ability to exercise necessary craft or artistic skills when required in demonstrating and instructing.

Clues for Relating Applicants and Requirements

Experience teaching or supervising arts and crafts or sports activities at a playground, summer camp, or institution.

Interest in the physical and social welfare of people.

Training and Methods of Entry

Entry into this type of work generally requires graduation from a college or university offering curricula in the therapeutic specialties, and legal or professional certification which is attained by examination. Advanced training related to special disabilities, such as cerebral palsy, is offered by a few colleges and health agencies. Most positions occur in hospitals, clinics, sanatoriums, and homes for the aged, with some additional opportunities in special workshops or rehabilitation centers.

RELATED CLASSIFICATIONS

Kindergarten, Elementary School, and Related Education (.228) p. 343
High School, College, University, and Related Education (.228) p. 341
Physical Education (.228) p. 347
Vocational Education (.128; .228) p. 337
Nursing, X-Ray, and Related Services (.368; .378) p. 477
Child and Adult Care (.878) p. 479
Instructive Work, Fine Arts, Theater, Music, and Related Fields (.028) p. 226

QUALIFICATIONS PROFILE

GED: 4 5
SVP: 6 7

Apt:	GVN	SPQ	KFM	EC
	2 2 3	3 3 3	3 3 3	4 4
			2 2 2	

Int: 4 6 7 8
Temp: 4 5
Phys. Dem: L 4 5

07 **MEDICINE AND HEALTH**
079. **Medicine and Health, n.e.c.**
079.128 MANUAL-ARTS THERAPIST (medical ser.)
MUSIC THERAPIST (medical ser.)
OCCUPATIONAL THERAPIST (medical ser.)
RECREATIONAL THERAPIST (medical ser.)
079.228 ORIENTATION THERAPIST FOR THE BLIND (education)

NURSING, X-RAY, AND RELATED SERVICES

.368; .378

Work Performed

Work activities in this group primarily involve caring for the sick and injured and providing nursing services concerned with the prevention of illness and the promotion of good health: utilizing X-ray and other medical-laboratory equipment for diagnostic or therapeutic purposes; and helping persons with muscle, nerve, joint, or bone injuries or diseases to overcome such disabilities through physical exercise, mechanical apparatus, and applications of massage, heat, light, water, or electricity. Most of these activities are performed under the supervision and on the instructions of licensed medical practitioners.

Worker Requirements

An occupationally significant combination of: The desire and ability to learn, absorb, and apply technical training; a facility for relating to people and an interest in their welfare; exactness and precision for preparing or administering treatment or medication and keeping charts; ability to perceive differences in anatomical components; finger dexterity and eye-hand coordination; and cleanliness, good health, and freedom from communicable diseases.

Clues for Relating Applicants and Requirements

Success in related technical subjects, such as chemistry.
Medical Corps experience in Army.
First aid course experience.
Volunteer work administering to the needy for charitable organization.

Training and Methods of Entry

Three types of training programs offer the basic preparation required for professional nursing. Traditional diploma programs are conducted by hospital schools and last 3 years. The programs leading to a bachelor's degree require 4 or 5 years of college study. Associate degree programs exist in a number of junior and community colleges and last approximately 2 years. All training includes supervised nursing practice. Training programs approved by the Council of Medical Education and Hospitals of the American Medical Association are the most widely accepted courses of study and methods of entry in X-ray technology. These programs are conducted by hospitals or by medical schools affiliated with hospitals.

Most other work activities in this group require schooling or training in each particular specialization in approved schools or hospitals.

RELATED CLASSIFICATIONS

Medical, Veterinary, and Related Services (.108) p. 473
Materials Analysis and Related Work (.181 .281; .381) p. 418
Child and Adult Care (.878) p. 479
Therapeutic and Related Work (.128; .228) p. 475
Supervisory and Instructive Work (Nursing and Related Services) (.128) p. 333

QUALIFICATIONS PROFILE

GED: 4
SVP: 6 7

Apt:	GVN	SPQ	KFM	EC
	2 2 3	2 3 3	3 3 3	4 4
	3 3	3 2 2	2 2 2	5

Int: 4 7
Temp: 5 Y
Phys. Dem: L M 4 6

07 **MEDICINE AND HEALTH**
075. **Nursing**
075.378 NURSE ANESTHETIST (medical ser.)
NURSE, GENERAL DUTY (medical ser.)
NURSE-MIDWIFE (medical ser.)
NURSE, OFFICE (medical ser.)
NURSE, PRIVATE DUTY (medical ser.)
NURSE, STAFF, OCCUPATIONAL HEALTH NURSING (medical ser.)
078. **Medical and Dental Technology**
078.368 AUDIOMETRIST (profess. & kin.)
078.368 DENTAL HYGIENIST (medical ser.)
Con. ELECTROCARDIOGRAPH TECHNICIAN (medical ser.)
ELECTROENCEPHALOGRAPH TECHNICIAN (medical ser.)
PROSTHETIST-ORTHOTIST (surgical appl.)
RADIOLOGIC TECHNOLOGIST (medical ser.)
079. **Medicine and Health, n.e.c.**
079.368 CHIROPRACTOR'S ASSISTANT (medical ser.)
CORRECTIVE THERAPIST (medical ser.)
INHALATION THERAPIST (medical ser.)
MEDICAL ASSISTANT (medical ser.)
079.368 OCCUPATIONAL THERAPY AID (medical ser.)
Con. X-RAY CLERK (medical ser.)
079.378 DENTAL ASSISTANT (medical ser.)
DOCTOR, HERB (medical ser.)
DOCTOR, NAPRAPHATIC (medical ser.)
MENTAL HEALER (medical ser.)
NURSE, LICENSED PRACTICAL (medical ser.)
ORTHOPTIST (medical ser.)
PHYSICAL THERAPIST (medical ser.)
PODIATRIST'S ASSISTANT (medical ser.)
SURGICAL TECHNICIAN (medical ser.)

CHILD AND ADULT CARE

.878

Work Performed

Work activities in this group primarily involve assisting individuals who are totally or partially unable to care for themselves. Typical recipients of such care would be children in private homes or institutions and adults confined to hospitals or institutions. Safety, hygiene, and health are the most frequent fields of concern.

Worker Requirements

An occupationally significant combination of: Patience and sympathy for problems of others; the ability to relate to people; stability under pressure; attentiveness and the ability to pay attention to detail; clean personal habits; freedom from communicable diseases; and some degree of manual and finger dexterity and motor coordination.

Clues for Relating Applicants and Requirements

Completion of first aid courses.
Babysitting experience throughout high school.
Experience in medical corps in the Armed Service.
Volunteer work caring for shut-ins.
Good medical record.
Confidence and poise demonstrated in an interview.

Training and Methods of Entry

General acceptance and successful execution of domestic responsibilities and such casual work experience as babysitting serve as good backgrounds for many individuals seeking entry.

Familiarization with basic techniques is required for entry into specialized activities within this group, in particular those having to do with the care of children and elderly or invalided people and first aid work. Most training is in the form of preentry instruction and on-the-job, observational experience.

RELATED CLASSIFICATIONS

Animal Care (.874; .877) p. 511
Miscellaneous Personal Service Work (Food Serving, Portering, Valeting, and Related Activities) (.868; .878) p. 507
Nursing, X-Ray, and Related Services (.368; 378) p. 477
Therapeutic and Related Work (.128; .228) p. 475

QUALIFICATIONS PROFILE

GED: 3
SVP: 2 3 4
Apt: GVN SPQ KFM EC
3 3 4 4 4 4 4 4 4 4 4 5 5
4 4 3 3 3 3 4 4
Int: 4 2 9
Temp: 5 8 9
Phys: Dem: L M 4 5

30 **DOMESTIC SERVICES**
306. **Housework, Domestic**
306.878 MOTHER'S HELPER (dom. ser.)
307. **Nursemaid Work**
307.878 NURSEMAID (dom. ser.)
309. **Domestic Services, n.e.c.**
309.878 COMPANION (dom. ser.)
FOSTER MOTHER (dom. ser.)
34 **AMUSEMENT AND RECREATION SERVICES**
349. **Amusement and Recreation Services, n.e.c.**
349.878 CHILDREN'S MATRON (amuse. & rec.)
35 **MISCELLANEOUS PERSONAL SERVICES**
354. **Unlicensed Midwife and Practical Nursing Services**
354.878 FIRST AID ATTENDANT (any ind.)
HOME ATTENDANT (per. ser.)
MIDWIFE (medical ser.)
NURSE, PRACTICAL (medical ser.)
355. **Attendant Work, Hospitals, Morgues, and Related Health Services**
355.878 AMBULANCE ATTENDANT (medical ser.)
355.878 ATTENDANT, PHYSICAL THERAPY (medical ser.)
Con. CHILD CARE ATTENDANT, SCHOOL (per. ser.)
COTTAGE PARENT (medical ser.)
NURSE AID (medical ser.)
ORDERLY (medical ser.)
PSYCHIATRIC AID (medical ser.)
TRAY-LINE WORKER (medical ser.)
359. **Miscellaneous Personal Services, n.e.c.**
359.878 CHILD-CARE ATTENDANT (gov. ser.)
KINDERGARTNER (any ind.)
TEACHER, NURSERY SCHOOL (any ind.)

MERCHANDISING

		Page
.068	Promotion and Publicity	482
.118, .168	Contract Negotiating and Related Work *see under* BUSINESS RELATIONS	239
.138	Supervisory Work (Clerical, Sales, and Related Activities) *see under* BUSINESS RELATIONS	243
.151	Sales Engineering *see under* ENGINEERING	373
.158, .168	Purchase and Sales Work	484
.251	Sales and Service Work	486
.258, .358, .458	Demonstration and Sales Work	488
.383, .483	Delivery and Service Work, n.e.c	491
.858	Selling and Related Work	493

PROMOTION AND PUBLICITY

.068

Work Performed

Work activities in this group primarily involve planning, directing, and conducting advertising and public relations programs designed to promote the sale of products and services, create good will, and/or establish a favorable public image.

Worker Requirements

An occupationally significant combination of: Ability to understand and apply principles and techniques of advertising, publicity, and consumer and market research; verbal facility to communicate clearly and effectively; organizational ability to plan and direct surveys and campaigns; originality to develop practical approaches to unique problems; self-confidence and initiative to assume responsibility and to make decisions; perserverance to deal with problems involving persistent frustrations; and persuasiveness to deal with people in competitive situations.

Clues for Relating Applicants and Requirements

Leadership qualities and initiative as demonstrated in extracurricular activities at school.
Expressed preference for public contact work.
Outgoing personality evident in an interview.
Part-time retail sales experience.

Training and Methods of Entry

Although a liberal arts college background is preferred by most employers, individuals having a high school education and outstanding personal qualifications may find opportunities for employment in promotion and publicity work. Experience in such related fields as retail sales or journalism, and such post-high-school instruction as night school or correspondence courses in English, history, psychology, sociology, advertising, and economics will greatly aid the individual without a college degree.

Entry into this field, with or without college background, depends much on the individual's initiative and his success at selling himself to prospective employers. Small manufacturers, dealers, and agencies often provide the better opportunity for beginners to apply their talents and to find their specialty. Competition among new entrants is especially keen, but there are exceptional advancement opportunities for people who demonstrate special ability.

RELATED CLASSIFICATIONS

Creative Writing (.088) p. 524
Journalism and Editorial Work (.018; .038; .068) p. 522
Administration (.118; .168) p. 237
Purchase and Sales Work (.158; .168) p. 484
Social Science, Psychological, and Related Research (.088) p. 294

QUALIFICATIONS PROFILE

GED: 5
SVP: 7

Apt:	GVN	SPQ	KFM	EC
	223	333	444	55
	11	44		

Int: 2 5 6 8
Temp: 4 5 7 9
Phys. Dem: S L 5

16 ADMINISTRATIVE SPECIALTIES

164. Advertising Management

164.068 ADVERTISING ASSISTANT (profess. & kin.)
DIRECT-MAIL SPECIALIST (any ind.)
EXPLOITATION MAN (amuse. & rec.)

165. Public Relations Management

165.068 PUBLIC-RELATIONS MAN (profess. & kin.) I
PUBLIC-RELATIONS MAN (profess. & kin.) II
DEALER-CONTACT MAN (profess. & kin.)
PUBLIC PROGRAM SUPERVISOR (tel. & tel.)
SALES-SERVICE MAN (profess. & kin.)

PURCHASE AND SALES WORK

.158; .168

Work Performed

Work activities in this group primarily involve applying a knowledge of contracts, credit and marketing conditions, and sales methods to a merchandising situation. Frequently, the worker must have a technical knowledge of materials or products involved.

Worker Requirements

An occupationally significant combination of: Ability to acquire and apply a knowledge of contracts, credit, marketing conditions, and sales psychology; ability to relate to people at all levels; powers of persuasion; verbal facility; numerical ability in certain instances; and initiative and drive.

Clues for Relating Applicants and Requirements

Experience selling tickets for benefit school shows.
Experience soliciting advertisements for high school yearbook.
Volunteer canvassing work for local charities.
Outgoing personality and good grooming evident in an interview.

Training and Methods of Entry

The larger and more progressive employers require that applicants possess a college background or night school credits. Courses in business administration, marketing, and related fields will give the individual excellent preparation. Most large organizations have formal programs that are designed to develop the individual's proficiency through on-the-job training under supervision and classroom instruction. Frequently, entry is gained by advancement from subordinate positions within an organization, wherein a knowledge of merchandising concepts and procedures has been acquired through experience and exposure.

RELATED CLASSIFICATIONS

Sales Engineering (.151) p. 373
Demonstration and Sales Work (.258; .358; .458) p. 488
Selling and Related Work (.858) p. 493
Contract Negotiating and Related Work (.118; .168) p. 239
Sales and Service Work (.251) p. 486

QUALIFICATIONS PROFILE

GED: 4 5
SVP: 6 7 5

Apt:	GVN	SPQ	KFM	EC
	222	434	444	54
	3	343		3

Int: 2 5
Temp: 5 7 9
Phys. Dem: L 5

16 **ADMINISTRATIVE SPECIALTIES**
162. **Purchasing Management**
162.158 BROKER (ret. tr.; whole. tr.)
BUYER, AGRICULTURAL PRODUCE (whole. tr.)
BUYER, CASH TRUCK (whole. tr.)
BUYER, LOG (whole. tr.)
BUYER, SALVAGE (ret. tr.; whole. tr.)
NEEDLEWORK COMMISSION AGENT (whole. tr.)
SECOND-HAND FURNITURE DEALER (ret. tr.; whole. tr.)
BROKER AND MARKET OPERATOR, GRAIN (finan. inst.; whole. tr.)
BROKER'S FLOOR REPRESENTATIVE (finan. inst.)
SPECIALIST (finan. inst.)
BUYER (ret. tr.; whole. tr.) II
BARREL APPRAISER (cooperage)
BUYER, CHAIN STORE (ret. tr.; whole. tr.)
BUYER ASSISTANT (ret. tr.)
BUYER, FURS (whole. tr.)
BUYER, LIVESTOCK (ret. tr.; slaught. & meat pack.; whole. tr.)
BUYER, TIME AND SPACE (bus. ser.)
BUYER, WOOL (whole. tr.)
COMMISSION MAN, LIVESTOCK (whole. tr.)
FIELD CONTACT MAN (dairy prod.)
FIELD MAN (forestry)
PURCHASING AGENT (any ind.)
BUYER, FISH (can. & preserv.)
BUYER, MAPLE SYRUP (food prep., n.e.c.)
162.158 FIELDMAN, CHRISTMAS TREES (whole. tr.)
Con. LOG BUYER (sawmill)
PIECE-GOODS BUYER (garment)
PURCHASING STEWARD (hotel & rest.)
SUPPLY REQUIREMENTS OFFICER (gov. ser.)
PURCHASING ENGINEER (aircraft mfg.)
SECURITIES TRADER (finan. inst.)
162.168 BUYER, TOBACCO (whole. tr.)
163. **Sales and Distribution Management**
163.158 SPARE-PARTS FIELD REPRESENTATIVE (whole. tr.)
18 **MANAGERIAL WORK, N.E.C.**
185. **Wholesale and Retail Trade Management**
185.158 FASHION COORDINATOR (ret. tr.)
SUPERVISOR OF SALES (bus. ser.)
189. **Miscellaneous Managerial Work, n.e.c.**
189.158 BUSINESS BROKER (real estate)
19 **MISCELLANEOUS PROFESSIONAL, TECHNICAL, AND MANAGERIAL WORK**
191. **Business Relations Work, n.e.c.**
191.158 PAWNBROKER (ret. tr.)
25 **SALESWORK, SERVICES**
250. **Saleswork, Real Estate and Insurance**
250.158 SUPERINTENDENT, SALES (const.)
252. **Saleswork, Business and Financial Service**
252.158 SALESMAN, INDUSTRIAL RELATIONS (bus. ser.)
259. **Saleswork, Services, n.e.c.**
259.158 TICKET BROKER (amuse. & rec.)
26 **SALESWORK, COMMODITIES**
261. **Saleswork, Agricultural Products, n.e.c.**
261.158 COMMISSION MAN, AGRICULTURAL PRODUCE (whole. tr.)
266. **Saleswork, Chemicals and Drug Preparations**
266.158 PHARMACEUTICAL DETAIL MAN (whole. tr.)
276. **Saleswork, Industrial, Construction, Mining, and Drilling Equipment and Supplies**
276.158 SALESMAN, MACHINERY (whole. tr.)
281. **Saleswork, Business and Commercial Machines, Equipment, and Supplies**
281.158 SALESMAN, PRINTING SUPPLIES (whole. tr.)
289. **Saleswork, Commodities, n.e.c.**
289.158 MANUFACTURERS' REPRESENTATIVE (whole. tr.)
SALESMAN, CONTAINERS (whole. tr.)
29 **MISCELLANEOUS MERCHANDISING WORK**
291. **Peddling**
291.158 BUYER (ret. tr.; whole. tr.) I
BUYER, JUNK (whole. tr.)
299. **Miscellaneous Merchandising Work, n.e.c.**
299.158 CONTACT MAN (whole. tr.)
46 **HUNTING, TRAPING, AND RELATED SERVICES**
469. **Agricultural Service, n.e.c.**
469.158 HARVEST CONTRACTOR (agric.)
96 **AMUSEMENT, RECREATION, AND MOTION PICTURE WORK, N.E.C.**
962. **Motion Picture Production, n.e.c.**
962.158 OUTSIDE PROPERTY MAN (motion pic.)
SHOPPER (motion pic.)

SALES AND SERVICE WORK

.251

Work Performed

Work activities in this group primarily involve selling, installing, and servicing machines, equipment, and similar products. Activities in this group are distinguished by the fact that the workers have a knowledge of the composition and functioning of the products they sell, and provide the customer with repair, adjustment, and similar services, when needed.

Worker Requirements

An occupationally significant combination of: Ability to communicate with people on various levels and to compute costs and prepare estimates; spatial perception to visualize the functioning of installed equipment; ability to establish rapport with customers; sufficient understanding of technical data to solve problems; powers of persuasion; and finger and hand dexterity.

Clues for Relating Applicants and Requirements

Hobbies, such as repairing electrical appliances.
Experience selling magazines while in high school.
Successful completion of technical and vocational courses in high school.

Training and Methods of Entry

A high school education or the equivalent is usually required for entry into this type of work. Some employers prefer individuals with a technical or vocational school background. Entry workers usually go through specialized training courses and a period of on-the-job training.

RELATED CLASSIFICATIONS

Sales Engineering (.151) p. 373
Selling and Related Work (.858) p. 493
Purchase and Sales Work (.158; .168) p. 484
Delivery and Service Work, n.e.c. (.383; .483) p. 491

QUALIFICATIONS PROFILE

GED: 4
SVP: 5 6 7

Apt:	GVN	SPQ	KFM	EC
	3 3 3	3 3 3	3 3 3	4 5

Int: 2 7
Phys. Dem: M 3 4 5 6

26 **SALESWORK, COMMODITIES**
277. **Saleswork, Farm and Garden Equipment and Supplies**
277.251 SERVICE SALESMAN, MILKING MACHINES (ret. tr.)
62 **MECHANICAL REPAIRING**
639. **Mechanical Repairing, n.e.c.**
639.251 SERVICE ENGINEER (any ind.) I
71 **FABRICATION AND REPAIR OF SCIENTIFIC AND MEDICAL APPARATUS, PHOTOGRAPHIC AND OPTICAL GOODS, WATCHES AND CLOCKS, AND RELATED PRODUCTS**
713. **Fabrication and Repair of Ophthalmic Goods**
713.251 OPTICIAN, DISPENSING (optical goods; ret. tr.)
82 **ASSEMBLY, INSTALLATION, AND REPAIR OF ELECTRICAL AND ELECTRONIC EQUIPMENT**
828. **Electrical and Electronic Product Fabrication, Installation, and Repair, n.e.c.**
828.251 ELECTRONIC-SALES-AND-SERVICE TECHNICIAN (profess. & kin.)

DEMONSTRATION AND SALES WORK

.258; .358; .458

Work Performed

Work activities in this group primarily involve using persuasive techniques to sell and/or demonstrate materials, products, or services, drawing upon some knowledge relevant to items or services sold. Some of these activities occur in retail, wholesale, or similar establishments, while some involve soliciting by telephone, going from door to door, or making appointments and visiting the customer to make sales. Demonstrations are made in many of the selling situations. Some demonstrating situations, however, do not involve making sales.

Worker Requirements

An occupationally significant combination of: Facility with words; ability to become familiar with the objects, materials, or services involved; numerical facility and perception for clerical detail; drive and initiative; diplomacy and tact in dealing with people; and powers of persuasion.

Clues for Relating Applicants and Requirements

Good grooming and attire.
Expressed preference for public-contact work.
Casual sales experience.
Poise and good vocabulary in an interview.

Training and Methods of Entry

Employers will usually require the minimum of a high school education, with many requiring a college background or night school credits. At the college level, courses in business administration, marketing, and related areas will give the individual excellent preparation. Many larger organizations have training programs designed to develop the worker's ability as he learns.

RELATED CLASSIFICATIONS

Sales Engineering (.151) p. 373
Purchase and Sales Work (.158; .168) p. 484
Selling and Related Work (.858) p. 493
Sales and Service Work (.251) p. 486
Delivery and Service Work, n.e.c. (.383; .483) p. 491

QUALIFICATIONS PROFILE

GED: 4 5
SVP: 2 3 4 5 6

Apt:	GVN	SPQ	KFM	EC
	3 3 4	3 3 4	3 3 3	5 2
	2 2 3	4 4 3	4 4 4	3
		2		5

Int: 2 6
Temp: 5 7 9
Phys. Dem: L

25 SALESWORK, SERVICES
250. **Saleswork, Real Estate and Insurance**
250.258 LIFE UNDERWRITER (insurance)
SALESMAN, INSURANCE (insurance)
250.358 BUILDING CONSULTANT (whole. tr.)
DOORMAN (whole. tr.)
MEMORIAL COUNSELOR (ret. tr.)
SALESMAN, REAL ESTATE (real estate)
SALES REPRESENTATIVE (motor trans.)
251. **Saleswork, Securities**
251.258 SALESMAN, SECURITIES (finan. inst.)
252. **Saleswork, Business and Financial Service**
252.258 SALESMAN, FINANCIAL SERVICE (banking; finan. inst.)
252.358 LEASEMAN (bus. ser.)
SALESMAN, BUSINESS SERVICES (bus. ser.)
SALESMAN, FINANCIAL SERVICE (bus. ser.)
SALESMAN, INVESTMENT AND TAX COUNSELING SERVICE (bus. ser.)
SALESMAN, PEST CONTROL SERVICE (bus. ser.)
SALESMAN, PROTECTIVE SERVICE (bus. ser.)
SALESMAN, TRADING STAMPS (bus. ser.)
SERVICE-SALESMAN, EXTERMINATING SERVICES (bus. ser.)
253. **Saleswork, Radio and Television Broadcasting Services**
253.358 SALESMAN, RADIO AND TELEVISION TIME (radio & tv broad.)
254. **Saleswork, Hotel Services**
254.258 SALES REPRESENTATIVE (hotel & rest.)
255. **Saleswork, Transportation Services**
255.258 Traffic Agent (r.r. trans.; motor trans.; water trans.)
256. **Saleswork, Maintenance and Repair Services**
256.258 SALESMAN, FOOD-VENDING SERVICE (whole. tr.)
SALESMAN, UPHOLSTERY AND FURNITURE REPAIR (ret. tr.)
257. **Saleswork, Utilities**
257.258 REPRESENTATIVE, PERSONAL SERVICE (tel. & tel.)
SALESMAN, PUBLIC UTILITIES (light, heat, & power; tel. & tel.)
SALES REPRESENTATIVE, TELEPHONE SERVICES (tel. & tel.)
258. **Saleswork, Printing and Advertising**
258.258 SALESMAN, ART (bus. ser.)
SALESMAN, SIGNS AND DISPLAYS (signs)
258.358 SALESMAN, ADVERTISING (print. & pub.)
SALESMAN, PRINTING (print. & pub.)
SALESMAN, SIGNS (whole. tr.)
259. **Saleswork, Services, n.e.c.**
259.258 SALESMAN, EDUCATION COURSES (education)
259.358 SALESMAN, DANCING INSTRUCTIONS (amuse. & rec.)
SALESMAN, SOFT-WATER SERVICE (bus. ser.)
SALESMAN, TELEVISION CABLE SERVICE (ret. tr.)
SALESMAN, WEATHER FORECASTING SERVICE (bus. ser.)
259.458 CRATING-AND-MOVING ESTIMATOR (motor trans.; r.r. trans.)
26 SALESWORK, COMMODITIES
260. **Saleswork, Horticultural and Nursery Products**
260.458 SALESPERSON, FLOWERS (ret. tr.)
261. **Saleswork, Agricultural Products, n.e.c.**
261.258 SALESMAN, LIVESTOCK (whole. tr.)
261.358 SALESMAN, RAW WOOL (whole. tr.)
262. **Saleswork, Foodstuffs, Beverages, and Tobacco**
262.358 SALESMAN, FOOD PRODUCTS (whole. tr.)
SALESMAN, GRAIN-AND-FEED PRODUCTS (whole. tr.)
SALESMAN, TOBACCO PRODUCTS AND SMOKING SUPPLIES (whole. tr.)
263. **Saleswork, Textiles, Textile Products, and Apparel**
263.258 SALESPERSON, ORTHOPEDIC SHOES (ret. tr.)
263.358 SALESMAN, CANVAS PRODUCTS (whole. tr.)
SALESMAN, DRESS TRIMMINGS (whole. tr.)
SALESMAN, FOOTWEAR (whole. tr.)
SALESMAN, MEN'S AND BOYS' CLOTHING (whole. tr.)
SALESMAN, UNIFORMS (ret. tr.; whole. tr.)
SALESMAN, WOMEN'S AND GIRLS' APPAREL (whole. tr.)
SALESPERSON, CORSETS (ret. tr.)
SALESPERSON, FASHION ACCESSORIES (ret. tr.)
SALESPERSON, FURS (ret. tr.)
SALESPERSON, MEN'S FURNISHINGS (ret. tr.)
263.358 SALESPERSON, SHOE (ret. tr.)
Con.
263.458 SALESPERSON, INFANT'S AND CHILDREN'S WEAR (ret. tr.)
SALESPERSON, MEN'S AND BOYS' CLOTHING (ret. tr.; whole. tr.)
SALESPERSON, MILLINERY (ret. tr.)
SALESPERSON, WOMEN'S GARMENTS (ret. tr.; whole. tr.)
SALESPERSON, YARD GOODS (ret. tr.)
264. **Saleswork, Leather and Leather Products**
264.358 SALESMAN, LEATHER GOODS (whole. tr.)
265. **Saleswork, Paper and Paper Products**
265.358 SALESMAN, FOUNTAIN PENS (whole. tr.)
SALESMAN, PAPER AND PAPER PRODUCTS (whole. tr.)
SALESMAN, PRESSURE-SENSITIVE TAPE (whole. tr.)
266. **Saleswork, Chemicals and Drug Preparations**
266.258 SALESMAN, CHEMICALS AND DRUGS (whole. tr.)
266.358 SALESMAN, TOILET PREPARATIONS (whole. tr.)
SALESPERSON, COSMETICS AND TOILETRIES (ret. tr.)
267. **Saleswork, Fuel and Petroleum Products**
267.358 SALESMAN, FUEL (whole. tr.)
SALESMAN, PETROLEUM PRODUCTS (whole. tr.)
268. **Saleswork, Plastics Products**
268.358 SALESMAN, PLASTIC PRODUCTS (whole. tr.)
270. **Saleswork, Rubber Products**
270.258 SALESMAN, RUBBER GOODS (whole. tr.)
271. **Saleswork, Stone, Clay, and Glass Products**
271.358 SALESMAN, ABRASIVES (whole. tr.)
273. **Saleswork, Metal and Metal Products**
273.258 SALESMAN, FOUNDRY AND MACHINE SHOP PRODUCTS (whole. tr.)
273.358 SALESMAN, METALS (whole. tr.)
SALESMAN, WIRE ROPE (whole. tr.)
274. **Saleswork, Housefurnishings**
274.358 FLOOR-COVERINGS ESTIMATOR (ret. tr.)
SALESMAN, CUSTOM DRAPERY (ret. tr.)
SALESMAN, FLOOR COVERINGS (ret. tr.; whole. tr.)
SALESMAN, HOUSEFURNISHINGS (whole. tr.)
SALESPERSON, CHINA AND GLASSWARE (ret. tr.; whole. tr.)
SALESPERSON, CURTAIN AND DRAPERY (ret. tr.; whole. tr.)
SALESPERSON, FURNITURE (ret. tr.)
275. **Saleswork, Hotel and Restaurant Equipment and Supplies**
275.358 SALESMAN, HOTEL AND RESTAURANT EQUIPMENT AND SUPPLIES (whole. tr.)
276. **Saleswork, Industrial, Construction, Mining, and Drilling Equipment and Supplies**
276.358 SALESMAN, BUILDING AND CONSTRUCTION EQUIPMENT AND SUPPLIES (whole. tr.)
SALESMAN, CONSTRUCTION MACHINERY (whole. tr.)
SALESMAN, HARDWARE SUPPLIES (whole. tr.)
SALESMAN, LUBRICATING EQUIPMENT (whole. tr.)
SALESMAN, MATERIAL-HANDLING EQUIPMENT (whole. tr.)
SALESMAN, OIL FIELD SUPPLIES AND EQUIPMENT (whole. tr.)
SALESMAN, RADIOGRAPHIC INSPECTION SERVICES (whole. tr.)
SALESMAN, SAFETY EQUIPMENT (whole. tr.)
SALESMAN, TEXTILE DESIGNS (whole. tr.)
SALESMAN, TEXTILE MACHINERY (whole. tr.)
SALESMAN, ULTRASONIC EQUIPMENT (whole. tr.)
SALESMAN, WELDING EQUIPMENT (whole. tr.)
SALESPERSON, GENERAL HARDWARE (ret. tr.; whole. tr).
277. **Saleswork, Farm and Garden Equipment and Supplies**
277.358 SALESMAN, CATTLE-AND-POULTRY FOOD SUPPLEMENTS (ret. tr.)
SALESMAN, DAIRY SUPPLIES (whole. tr.)
SALESMAN, FARM AND GARDEN EQUIPMENT AND SUPPLIES (whole. tr.)
SALESMAN, POULTRY EQUIPMENT AND SUPPLIES (ret. tr.; whole. tr.)
SALESMAN, TRACTOR AND FARM IMPLEMENTS (ret. tr.; whole. tr.)
SALESPERSON, LAWN AND GARDEN EQUIPMENT AND SUPPLIES (ret. tr.; whole. tr.)
278. **Saleswork, Household Appliances and Electrical Machinery, Equipment, and Supplies**
278.258 HOME-SERVICE REPRESENTATIVE (light, heat, & power)
SALESMAN, COMMUNICATION EQUIPMENT (whole. tr.)
SALESPERSON, HI-FI (ret. tr.)
278.358 SALESMAN, GAS-OR-ELECTRIC APPLIANCES (light, heat, & power)
SALESMAN, HOUSEHOLD EQUIPMENT (whole. tr.)
SALESMAN, RADIO AND TELEVISION PARTS (whole. tr.)
SALESMAN, SEWING MACHINE (ret. tr.)
SALESMAN, VIDEOTAPE (whole. tr.)
SALESPERSON, TELEVISION AND APPLIANCES (ret. tr.)
280. **Saleswork, Transportation Equipment**
280.258 SALESMAN, AIRCRAFT (ret. tr.; whole. tr.)
280.358 SALESMAN, AIRCRAFT EQUIPMENT AND PARTS (whole. tr.)
SALESMAN, AUTOMOBILE (ret. tr.)
SALESMAN, AUTOMOBILE PARTS (whole. tr.)
SALESMAN, BOATS AND NAUTICAL EQUIPMENT (ret. tr.; whole. tr.)
SALESMAN, HOUSE TRAILERS (ret. tr.)
SALESMAN, MARINE SUPPLIES (ret. tr.; whole. tr.)
SALESMAN, MOTOR VEHICLES AND SUPPLIES (whole. tr.)
SALESMAN, RAILROAD EQUIPMENT AND SUPPLIES (whole. tr.)
280.458 SALESPERSON, AUTOMOBILE ACCESSORIES (ret. tr.; whole. tr.)
281. **Saleswork, Business and Commercial Machines, Equipment, and Supplies**
281.358 SALESMAN, BARBER AND BEAUTY SUPPLIES (whole. tr.)
SALESMAN, BOTTLES AND BOTTLING EQUIPMENT (whole. tr.)
SALESMAN, CHURCH FURNITURE AND EQUIPMENT (ret. tr.; whole. tr.)
SALESMAN, CORDAGE (whole. tr.)
SALESMAN, OFFICE MACHINES (ret. tr.; whole. tr.)
SALESMAN, SCHOOL EQUIPMENT AND SUPPLIES (whole. tr.)
SALESMAN, SHOE LEATHER AND FINDINGS (whole. tr.)
SALESMAN, VENDING AND COIN MACHINES (whole. tr.)
281.458 SALESMAN, COMMERCIAL EQUIPMENT AND SUPPLIES (ret. tr.; whole. tr.)
282. **Saleswork, Medical and Dental Equipment, Supplies, and Appliances**
282.258 SALESMAN, DENTAL AND MEDICAL EQUIPMENT AND SUPPLIES (whole. tr.)
SALESMAN, MEDICAL EQUIPMENT AND SUPPLIES (ret. tr.; whole. tr.)
SALESPERSON, SURGICAL APPLIANCES (ret. tr.)
282.358 SALESMAN, VETERINARIAN SUPPLIES (whole. tr.)
SALESPERSON, HEARING AIDS (ret. tr.)
283. **Saleswork, Jewelry and Silverware**
283.358 SALESMAN, JEWELRY AND OPTICAL GOODS (whole. tr.)
SALESPERSON, JEWELRY (ret. tr.)
283.458 SALESPERSON, SILVERWARE (ret. tr.)
284. **Saleswork, Scientific Apparatus**
284.258 SALESMAN, PRECISION INSTRUMENTS (whole. tr.)
284.358 SALESMAN, ENGINEERING SUPPLIES (whole. tr.)
285. **Saleswork, Photographic Equipment and Supplies**
285.358 SALESPERSON, PHOTOGRAPHIC SUPPLIES AND EQUIPMENT (ret. tr.; whole. tr.)
286. **Saleswork, Amusement and Sporting Goods**
286.358 SALESMAN, AMUSEMENT AND SPORTING GOODS (whole. tr.)
SALESMAN, HOBBIES AND CRAFTS (whole. tr.)
SALESPERSON, SPORTING GOODS (ret. tr.; whole. tr.)
287. **Saleswork, Music and Musical Instruments**
287.358 SALESMAN, MUSICAL INSTRUMENTS AND ACCESSORIES (whole. tr.)
SALESMAN, PIANO AND ORGAN (ret. tr.; whole. tr.)
SALESPERSON, MUSICAL INSTRUMENTS AND ACCESSORIES (ret. tr.; whole. tr.)
SALESPERSON, SHEET MUSIC (ret. tr.)
289. **Saleswork, Commodities, n.e.c.**

289.358 SALESMAN, FLORIST SUPPLIES (whole. tr.)
SALESMAN, GENERAL (ret. tr.; whole. tr.)
SALESMAN, GENERAL MERCHANDISE (whole. tr.)
SALESMAN, HOUSE-TO-HOUSE (ret. tr.)
SALESMAN, MORTICIAN SUPPLIES (whole. tr.)
SALESMAN, NOVELTIES (whole. tr.)
SALESMAN, PUBLICATIONS (whole. tr.)
SALESMAN, RELIGIOUS SUPPLIES (whole. tr.)
SALESPERSON, BOOKS (ret. tr.)
SALESPERSON, PARTS (ret. tr.; whole. tr.)
SALESPERSON, PETS AND PET SUPPLIES (ret. tr.)
SALESPERSON, STAMPS OR COINS (ret. tr.; whole. tr.)
289.458 SALESPERSON, FLYING SQUAD (ret. tr.; whole. tr.)
SALESPERSON, GENERAL (ret. tr.; whole. tr.)

29 MISCELLANEOUS MERCHANDISING WORK

290. Sales Clerking
290.358 ELECTRIC-MOTOR-REPAIR CLERK (ret. tr.; whole. tr.)

292. Route Work
292.358 SALESMAN DRIVER (any ind.)

293. Canvassing and Soliciting
293.258 OLD-GOLD BUYER (whole. tr.)
SUBSCRIPTION CREW LEADER (ret. tr.)
293.358 CONTRIBUTION SOLICITOR (nonprofit organ.)
GOODWILL AMBASSADOR (bus. ser.)
MEMBERSHIP SOLICITOR (bus. ser.)
SALESMAN, CLUB MEMBERSHIP (any ind.)
SOLICITOR (any ind.)
TELEPHONE SOLICITOR (any ind.)

294. Auctioneering
294.258 AUCTIONEER (ret. tr.; whole. tr.)

296. Shopping
296.358 PERSONAL SHOPPER (ret. tr.)

297. Demonstrating and Modeling
297.258 PLANT HOSTESS (bake. prod.)
297.458 DEMONSTRATOR (ret. tr.; whole. tr.)
INSTRUCTOR, KNITTING (ret. tr.)
INSTRUCTOR, PAINTING (ret. tr.)
INSTRUCTOR, SEWING (ret. tr.)

299. Merchandising Work, n.e.c. Miscellaneous
299.258 HOME-LIGHTING ADVISER (light, heat, & power)
299.358 BRIDAL CONSULTANT (ret. tr.)
LINEN-CONTROL MAN (laund.)
SALES CLOSER (ret. tr.)

DELIVERY AND SERVICE WORK, N.E.C.

.383; .483

Work Performed

Work activities in this group primarily involve driving a vehicle over an assigned route to provide services for various establishments, such as delivering newspapers or refilling vending machines, and keeping a record of money collected or deliveries made.

Worker Requirements

An occupationally significant combination of: Ability to drive a vehicle; ability to make arithmetic calculations quickly and accurately; adaptability to routine work; eye-hand-foot coordination to move levers, pedals, and steering mechanism simultaneously when operating a vehicle; physical stamina, good hearing, good vision, and no physical handicaps that would impair quick reactions.

Clues for Relating Applicants and Requirements

Experience delivering newspapers after school.
Experience driving a delivery truck during Christmas holiday season.
Preference for driving a vehicle while working.

Training and Methods of Entry

In most States applicants are required to present a chauffeur's license, which is a commercial driver permit. Most employers seek a worker with a high school diploma, preferably 25 years of age or older. Successful completion of driver training and possession of a driving record free of offenses enhance employment prospects.

RELATED CLASSIFICATIONS

Transporting and Test Driving (.283; .383) p. 422
Driving-Operating (.883) p. 444
Transportation Service Work (.363; .364; .463) p. 519
Customer Service Work, n.e.c. (.468; .478) p. 501

QUALIFICATIONS PROFILE

GED: 3
SVP: 3 4

Apt:	GVN	SPQ	KFM	EC
	3 3 3	4 4 3	3 4 4	3 5

Int: 1 0
Temp: 2 3
Phys. Dem: M 3 4 6

29 MISCELLANEOUS MERCHANDISING WORK

292. **Route Work**

292.383 NEWSDEALER DELIVERY MAN (print. & pub.)

292.483 COIN-VENDING-MACHINE COLLECTOR (bus. ser.)

SELLING AND RELATED WORK

.858

Work Performed

Work activities in this group primarily involve soliciting people to participate in games and entertainments and to purchase such commodities as cigarettes, beverages, photographs, and newspapers. Workers must attract attention and interest the public by such means as hawking their wares, wearing unusual costumes, or barking in front of concessions and sideshows. Most of these activities occur in places of amusement, such as night clubs, amusement parks, and stadiums, or on public thoroughfares.

Worker Requirements

An occupationally significant combination of: Powers of persuasion; verbal facility in dealing with people; an uninhibited nature; and quick thinking and agility in adapting to varied situations and responses.

Clues for Relating Applicants and Requirements

Expressed preference for public-contact work.
Experience in amateur theatricals.
Poise and self-confidence evident in an interview.
Experience selling newspapers after school.
Experience soliciting donations for school social functions.

Training and Methods of Entry

Work experience in jobs that are similar in nature—some sort of selling or public-contact work—serves as excellent background. On many occasions, entry workers will be given opportunities to learn their trades in positions requiring a lesser degree of involvement. As part of their training they are called upon to aid the fully qualified worker by performing supporting tasks, very often of a quasi-menial nature. By exposure to the selling situation they gradually learn the techniques and methods involved. The personal characteristics of drive and persuasiveness are prerequisites.

RELATED CLASSIFICATIONS

Purchase and Sales Work (.158; .168) p. 484
Demonstration and Sales Work (.258; .358; .458) p. 488
Customer Service Work, n.e.c. (.468; .478) p. 501

QUALIFICATIONS PROFILE

GED: 3
SVP: 2 3

Apt:	GVN	SPQ	KFM	EC
	3 3 3	4 3 4	4 4 3	5 3
		4	3 3 4	4 4
				5

Int: 2 1
Temp: 5 7 9
Phys. Dem: L 4 5 6

14 **ART WORK**
143. **Photography**
143.858 CAMERA GIRL (amuse. & rec.)
PHOTOGRAPHER, STREET (per. ser.)
29 **MISCELLANEOUS MERCHANDISING WORK**
291. **Peddling**
291.858 LEI SELLER (ret. tr.)
LOUNGE-CAR ATTENDANT (r.r. trans.)
291.858 NEWSBOY (print. & pub.) II
Con. PEDDLER (ret. tr.) I
PILLOW GIRL (motor trans.)
TAGGER (nonprofit organ.; ret. tr.)
VENDOR (amuse. & rec.)
299. **Miscellaneous Merchandising Work, n.e.c.**
299.858 CIGARETTE GIRL (hotel & rest.)
34 **AMUSEMENT AND RECREATION SERVICES**
342. **Amusement Device and Concession Work**
342.858 BARKER (amuse. & rec.) I
BARKER (amuse. & rec.) II
CONCESSION ATTENDANT (amuse. & rec.)
SHILL (amuse. & rec.)
SHOOTING-GALLERY OPERATOR (amuse. & rec.)
WEIGHT GUESSER (amuse. & rec.)
343. **Gambling Hall Services**
343.858 BOOSTER (amuse. & rec.)

MUSIC

		Page
.028	Instructive Work, Fine Arts, Theater, Music, and Related Fields *see under* ART	226
.048	Musical Work, Instrumental *see under* ENTERTAINMENT	394
.048	Musical Work, Vocal *see under* ENTERTAINMENT	396
.048	Rythmics *see under* ENTERTAINMENT	398
.088	Musical Work, Creative	496

MUSICAL WORK, CREATIVE

.088

Work Performed

Work activities in this group primarily involve composing and arranging instrumental or vocal music. Typically, workers devise melodic, harmonic, and rhythmic structures; score compositional characters and signs on music paper; and adapt musical forms from one medium to another.

Worker Requirements

An occupationally significant combination of: The ability to absorb musical training and understand and apply the principles of music; creative imagination and aesthetic appreciation; verbal facility in cases where music and verse are used together or where music reflects a story; ability to perceive differences in shapes and forms in order to read and score music; tonal memory; a feeling for rhythm and melody; and good hearing.

Clues for Relating Applicants and Requirements

Achievement in music courses in college.
Demonstrated ability to perform with a musical instrument.
Expressed interest as demonstrated by record collections and attendance at concerts.
Interest in related cultural pursuits, such as art or literature.

Training and Methods of Entry

Musical training may be obtained from accomplished artists who give private or group instruction, colleges or universities offering courses in music, or conservatories of music. The latter two usually offer 4-year programs leading to a bachelor's degree in music education. Since it is generally true that an artist must be well trained and extremely knowledgeable in a field in order to be creative in that field, most individuals who pursue creative musical work usually do so only after considerable experience in some related form of musical endeavor.

RELATED CLASSIFICATIONS

Musical Work, Instrumental (.048) p. 394
Musical Work, Vocal (.048) p. 396
Instructive Work, Fine Arts, Theater, Music, and Related Fields (.028) p. 226
Rhythmics (.048) p. 398

QUALIFICATIONS PROFILE

GED: 6
SVP: 8 9

Apt:	GVN	SPQ	KFM	EC
	1 2 3	4 2 3	3 3 3	5 5
				4
				3

Int: 6 8
Temp: 9 X
Phys. Dem: S 4 5 6

15 ENTERTAINMENT AND RECREATION
152. Music
152.088 ARRANGER (profess. & kin.)
COMPOSER (profess. & kin.)
ORCHESTRATOR (profess. & kin.)

PERSONAL SERVICE

		Page
.138	Supervisory Work (Service and Related Activities) *see under* MANAGERIAL AND SUPERVISORY WORK	461
.271, .371	Beautician and Barbering Services	499
.468, .478	Customer Service Work, n.e.c	501
.863, .864, .865, .867, .873, .874, .877	Miscellaneous Customer Service Work	503
.868	Accommodating Work	505
.868, .878	Miscellaneous Personal Service Work (Food Serving, Portering, Valeting, and Related Activities)	507
.868, .878	Protecting and Related Work *see under* LAW AND LAW ENFORCEMENT	427
.868, .878	Ushering, Messenger Service, and Related Work	509
.874, .877	Animal Care	511
.878	Child and Adult Care *see under* MEDICINE AND HEALTH	479

BEAUTICIAN AND BARBERING SERVICES

.271; .371

Work Performed

Work activities in this group primarily involve providing customers with a variety of personal services related to their physical appearance. Beautician services include giving permanent waves; cutting, styling, shampooing, setting, and dyeing hair; giving manicures and scalp, facial, and body treatments; providing makeup analyses; removing superfluous hair; and dressing wigs. Besides cutting hair, barbering services include giving shaves, hair and scalp treatments, shampoos, facial massages, and fitting hair pieces.

Worker Requirements

An occupationally significant combination of: The ability to understand, learn, and apply various techniques of cosmetology and barbering; a creative flair for originating or adapting styles to suit individual customers; the ability to relate to people at all levels; the ability to perceive slight differences in color and in forms; eye-hand coordination; and finger dexterity.

Clues for Relating Applicants and Requirements

Training in vocational school.
Preference for working with people.
Willingness to work in a service capacity and wear a uniform.
Adeptness at fixing hair of female members of family.

Training and Methods of Entry

Barber training is offered in many public vocational schools and private barber colleges. Courses may be up to a year in length and include supervised practice. Almost every State requires licensing or certification by a State board, which is granted after successful completion of an examination. Many States have licensed apprenticeship programs. A beginner usually obtains his first position by being recommended to an employer by the school where he received his training, by the efforts of a barber's union, or through personal contacts.

The situation for a worker wishing to enter the field of cosmetology is similar to that which exists for barbering services. Licensing requirements vary from State to State, but a majority insist on graduation from some accredited school of cosmetology or completion of formal work in beauty culture.

RELATED CLASSIFICATIONS

Miscellaneous Customer Service Work (.863; .864; .865; .867; .873; .874; .877) p. 503
Child and Adult Care (.878) p. 479
Miscellaneous Personal Service Work (Food Serving, Portering, Valeting, and Related Activities) (.868; .878) p. 507

QUALIFICATIONS PROFILE

GED: 4 3
SVP: 3 4 5 6

Apt:	GVN	SPQ	KFM	EC
	3 3 4	3 2 4	2 2 3	5 2
		4 3	3 3	3

Int: 2 8 9
Temp: 5 9 X
Phys. Dem: L 4 5 6

33 **BARBERING, COSMETOLOGY, AND RELATED SERVICES**

330. **Barbering and Related Services**

330.371 BARBER (per. ser.)

BARBER APPRENTICE (per. ser.)

332. **Beautician Services**

332.271 COSMETOLOGIST (per. ser.)

HAIR STYLIST (per. ser.)

COSMETOLOGIST APPRENTICE (per. ser.)

333. **Make-Up, Theatrical**

333.271 BODY-MAKE-UP WOMAN (amuse. & rec.)

MAKE-UP MAN (amuse. & rec.; motion pic.)

339. **Barbering, Cosmetology, and Related Services, n.e.c.**

339.371 ELECTROLOGIST (per. ser.)

SCALP TREATMENT OPERATOR (per. ser.)

CUSTOMER SERVICE WORK, N.E.C.

.468; .478

Work Performed

Work activities in this group primarily involve providing the public with a ready response for services or information requested. Includes such activities as recording or receiving payments for merchandise and selling miscellaneous specialties and general articles.

Worker Requirements

An occupationally significant combination of: Willingness to work in a service capacity; ability to understand and comply with requests of customers; ability to make simple arithmetic calculations when quoting and computing prices on merchandise and services; clerical accuracy in keeping simple records; and patience and courteous manner when dealing with the public.

Clues for Relating Applicants and Requirements

Experience as hat and coat checker at high school dances.
Experience as part-time salesman of raffle tickets for church bazaar.
Preference for public-contact work.
Experience clerking in dry cleaning establishment after school.

Training and Methods of Entry

Short demonstrations and on-the-job training are the usual means by which a person becomes familiar with this kind of work. In most cases, employers prefer workers with a high school education including some arithmetical and clerical training to keep simple records.

RELATED CLASSIFICATIONS

Inspecting and Stock Checking (.382; .384; .387; .484; .487) p. 271
Computing and Related Recording (.388; .488) p. 280
Cashiering (Drug Stores, Theaters, Restaurants, and Related Establishments) (.468) p. 269
Miscellaneous Customer Service Work (.863; .864; .865; .867; .873; .874; .877) p. 503
Miscellaneous Personal Service Work (Food Serving, Portering, Valeting, and Related Activities) (.868; .878) p. 507

QUALIFICATIONS PROFILE

GED: 3 2
SVP: 3 2

Apt:	GVN	SPQ	KFM	EC
	3 3 3	4 4 4	4 4 4	5 4
	4 4	5 3 3		5
				3

Int: 2 3
Temp: 5 2 3 Y
Phys. Dem: L 4 5

22 **MATERIAL AND PRODUCTION RECORDING**
222. **Clerical Work, Shipping and Receiving**
222.478 RETAIL - RECEIVING CLERK (clean., dye., & press.; laund.)
24 **MISCELLANEOUS CLERICAL WORK**
240. **Collecting**
240.468 LAY-AWAY CLERK (ret. tr.)
26, 27, 28 **SALESWORK, COMMODITIES**
289. **Saleswork, Commodities, n.e.c.**
289.468 TOOL-RENTAL CLERK (bus. ser.)
29 **MISCELLANEOUS MERCHANDISING WORK**
290. **Sales Clerking**
290.468 GROCERYMAN, JOURNEYMAN (ret. tr.)
290.468 Con. MANAGER, BRANCH STORE (clean., dye., & press.; laund.)
SALES ATTENDANT (ret. tr.)
290.478 COUPON-REDEMPTION CLERK (clerical)
SALES CLERK (ret. tr.)
292. **Route Work**
292.468 LUNCH-TRUCK DRIVER (hotel & rest.)
299. **Miscellaneous Merchandising Work, n.e.c.**
299.468 DRESS CHECKER (ret. tr.)
FARMER-ROOM ATTENDANT (whole. tr.)
WILL-CALL CLERK (ret. tr.)
299.478 CONTACT-LENS TECHNICIAN (ret. tr.)
DELIVERY BOY (ret. tr.)
31 **FOOD AND BEVERAGE PREPARATION AND SERVICE**
319. **Food and Beverage Preparation and Service, n.e.c.**
319.468 ORDER CLERK, FOOD AND BEVERAGE (hotel & rest.)
WHEELMAN (hotel & rest.)
32 **LODGING AND RELATED SERVICES**
329. **Lodging and Related Services, n.e.c.**
329.478 RECEIVING-ROOM CLERK (hotel & rest.)
36 **APPAREL AND FURNISHINGS SERVICES**
369. **Apparel and Furnishings Services, n.e.c.**
369.468 REPAIR ESTIMATOR (per. ser.)
369.478 CURB BOY (clean., dye., & press.; laund.)
SERVICE-ESTABLISHMENT ATTENDENT (per. ser.)
65 **PRINTING**
659. **Printing, n.e.c.**
659..468 SERVICE MAN, ELECTROTYPE (print. & pub.)
91 **TRANSPORTATION WORK, N.E.C**
919. **Miscellaneous Transportation Work, n.e.c.**
919.478 CAR-RENTAL CLERK (auto. ser.)

MISCELLANEOUS CUSTOMER SERVICE WORK

.863; .864; .865; .867; .873; .874; .877

Work Performed

Work activities in this group primarily involve providing customers with requested services or products through the use of body members, handtools, or equipment.

Worker Requirements

An occupationally significant combination of: Courtesy and tact in dealing with people; manual and finger dexterity and eye-hand coordination; and physical stamina.

Clues for Relating Applicants and Requirements

Casual work experience in a gas station after school.
Familiarity with amusement park devices.
Preference for dealing with the public.
Good physical condition.

Training and Methods of Entry

There can be no established program for training and entry into this work. Personal characteristics and dependability are probably the most significant points an employer will look for in a potential beginning employee. While there is seldom any formal training program, trainees are usually teamed with experienced workers. This period of training may range from several days through a few months.

RELATED CLASSIFICATIONS

Customer Service Work, n.e.c. (.468; .478) p. 501
Accommodating Work (.868) p. 505
Ushering, Messenger Service, and Related Work (.868; .878) p. 509

QUALIFICATIONS PROFILE

GED: 2 3
SPV: 3

Apt:	GVN	SPQ	KFM	EC
	3 4 4	4 4 4	4 4 4	4 5
	4		3 3 3	

Int: 2 3
Temp: 5 2
Phys. Dem: M H 4 5

14 **ART WORK**
143. **Photography**
143.867 PHOTO-MACHINE OPERATOR, MINIATURE (per. ser.)
29 **MISCELLANEOUS MERCHANDISING WORK**
290. **Sales Clerking**
290.877 SALESPERSON, FOOD (ret. tr.)
299. **Miscellaneous Merchandising Work, n.e.c.**
299.864 SKATE-SHOP MAN (amuse. & rec.)
299.867 PLATFORM MAN (ice)
299.877 BICYCLE STAND ATTENDANT (amuse. & rec.)
31 **FOOD AND BEVERAGE PREPARATION AND SERVICE**
319. **Food and Beverage Preparation and Service, n.e.c.**
319.864 AUTOMAT-CAR ATTENDANT (r.r. trans.)
319.874 CATERER HELPER (per. ser.)
34 **AMUSEMENT AND RECREATION SERVICES**
341. **Golf Course, Tennis Court, Skating Rink, and Related Services**
341.865 SKI-TOW OPERATOR (amuse. & rec.)
342. **Amusement Device and Concession Work**
342.863 RIDE OPERATOR (amuse. & rec.)
342.865 FUN-HOUSE OPERATOR (amuse. & rec.)
342.867 BOAT-DOCK OPERATOR (amuse. & rec.)
WHARF ATTENDANT (amuse. & rec.)
BOAT-TANK MAN (amuse. & rec.)
342.877 CABANA BOY (amuse. & rec.)
35 **MISCELLANEOUS PERSONAL SERVICES**
359. **Miscellaneous Personal Services, n.e.c.**
359.873 CHAUFFEUR (dom. ser.)
36 **APPAREL AND FURNISHINGS SERVICES**
369. **Apparel and Furnishings Services, n.e.c.**
369.877 LAUNDERETTE ATTENDANT (clean., dye., & press.; laund.)
91 **TRANSPORTATION WORK, N.E.C.**
915. **Parking Lot and Related Service Work**
915.867 AUTOMOBILE-SERVICE-STATION ATTENDANT (auto. ser.)
TRAILER-RENTAL ATTENDANT (auto. ser.)

ACCOMMODATING WORK

.868

Work Performed

Work activities in this group primarily involve providing others with services of a social or personal nature. Some typical tasks are: Seating guests in a restaurant or hotel dining room; chaperoning young people; acting as escort; and greeting guests at a social function and arranging for their participation in social events.

Worker Requirements

An occupationally significant combination of: A pleasant personality; conversational ability; good grooming; poise; good manners; and the ability to put people at ease.

Clues for Relating Applicants and Requirements

Activity in neighborhood social functions.
Pleasant personality and neat appearance apparent in an interview.
Expressed preference for public-contact work.

Training and Methods of Entry

Most employers prefer individuals with a high school education. However, they will consider persons who use correct grammar, are able to establish rapport with people, and present a proper appearance.

RELATED QUALIFICATIONS

Selling and Related Work (.858) p. 493
Child and Adult Care (.878) p. 479
Ushering, Messenger Service, and Related Work (.868; .878) p. 509
Protecting and Related Work (.868; .878) p. 427

QUALIFICATIONS PROFILE

GED: 3
SVP: 2

Apt:	GVN	SPQ	KFM	EC
	3 3 5	4 4 4	3 4 3	4 5
	4	5 5	4 4	

Int: 2 6
Temp: 1 5
Phys. Dem: L

31 **FOOD AND BEVERAGE PREPARATION AND SERVICE**

310. **Food and Beverage Service, Except Ship Stewards**

310.868 HOSTESS, RESTAURANT OR COFFEE SHOP (hotel & rest.)

34 **AMUSEMENT AND RECREATION SERVICES**

349. **Amusement and Recreation Services, n.e.c.**

349.868 HOSTESS (amuse. & rec.)
HOSTESS, HEAD (amuse. & rec.)

35 **MISCELLANEOUS PERSONAL SERVICES**

352. **Hostess and Steward Service, n.e.c.**

352.868 HOST (any ind.)
PARLOR MATRON (hotel & rest.)

353. **Guide Service, Except Hunting and Fishing**

353.868 DUDE WRANGLER (amuse. & rec.)

359. **Miscellaneous Personal Services, n.e.c.**

359.868 CHAPERON (per. ser.)
ESCORT (per. ser.)

45 **HUNTING, TRAPPING, AND RELATED SERVICES**

452. **Guide Services, Hunting and Fishing**

452.868 HUNTING AND FISHING GUIDE (amuse. & rec.)

MISCELLANEOUS PERSONAL SERVICE WORK (FOOD SERVING, PORTERING, VALETING, AND RELATED ACTIVITIES)

.868; .878

Work Performed

Work activities in this group primarily involve attending to the personal needs and desires of individuals in regard to their consumption of food and drink in public places, the cleanliness of their clothing, conveyance of their luggage, cleanliness of their surroundings, and similar matters having to do with personal comfort, convenience, and appearance. A majority of these activities require either direct contact or close association with the recipient of the service.

Worker Requirements

An occupationally significant combination of: Ability and willingness to take, understand, and follow orders; a courteous and cheerful manner in dealing with the public; facility in adjusting to a routine; manual dexterity; cleanliness and freedom from communicable diseases.

Clues for Relating Applicants and Requirements

Courtesy and pleasant personality.
Casual work experience waiting on tables.
Expressed preference for public-contact work.
Willingness to wear a uniform.
Neat and clean personal appearance.

Training and Methods of Entry

Although many people with little formal schooling find it possible to gain entry, many employers prefer people with 2 or 3 years of high school. Special courses given by vocational schools, hotel and restaurant associations, and individual establishments are considered good preparation by most employers. Some establishments hire inexperienced workers and give them a few weeks of on-the-job training. Health certificates are frequently required, especially in the food-serving field, to indicate freedom from communicable diseases.

RELATED CLASSIFICATIONS

Animal Care (.874; .877) p. 511
Child and Adult Care (.878) p. 479
Ushering, Messenger Service, and Related Work (.868; .878) p. 509

QUALIFICATIONS PROFILE

GED: 3 2
SVP: 2 3

Apt:	GVN	SPQ	KFM	EC
	3 4 4	4 4 4	4 4 3	5 5
	4 3 5	3 5	3 3 4	4 4

Int: 2 3
Temp: 5 3
Phys. Dem: L 4 5

30 **DOMESTIC SERVICES**
303. **Housekeeping, Private Family**
303.878 FARM HOUSEKEEPER (dom. ser.)
FARM HOUSEMAID (dom. ser.)
306. **Housework, Domestic**
306.878 MAID, GENERAL (dom. ser.)
309. **Domestic Services, n.e.c.**
309.878 CLOTHING - MAINTENANCE SPECIALIST (dom. ser.)
COACHMAN (dom. ser.)
FOOTMAN (dom. ser.)
PERSONAL MAID (dom. ser.)
VALET (dom. ser.)
31 **FOOD AND BEVERAGE PREPARATION AND SERVICE**
311. **Food Serving**
311.878 BUS BOY (hotel & rest.)
CAR HOP (hotel & rest.)
COOK, STEAM TABLE (r.r. trans.)
COUNTERMAN, CAFETERIA (hotel & rest.)
COUNTERMAN, LUNCHROOM OR COFFEE SHOP (hotel & rest.)
CRIB OPERATOR (hotel & rest.)
FLOOR GIRL, CAFETERIA (hotel & rest.)
RAW-BAR MAN (hotel & rest.)
WAITER, BUFFET (hotel & rest.)
WAITER, DINING CAR (r.r. trans.)
WAITER, FORMAL (hotel & rest.)
WAITER, ROOM SERVICE (hotel & rest.)
WAITER, INFORMAL (hotel & rest.)
WAITER, BAR (hotel & rest.)
WAITRESS, TAKE OUT (hotel & rest.)
WAITER, OUTSIDE DELIVERY (hotel & rest.)
WAITRESS, CAMP (any ind.)
312. **Bartending**
312.878 BAR ATTENDANT (hotel & rest.) I
BARTENDER (hotel & rest.)
314. **Cooking, Small Hotels and Restaurants**
314.878 COMBINATION MAN (hotel & rest.)
319. **Food and Beverage Preparation and Service, n.e.c.**
319.878 FOUNTAIN MAN (hotel & rest.)
32 **LODGING AND RELATED SERVICES**
324. **Bellman and Related Services**
324.878 BAGGAGE PORTER (hotel & rest.)
BELLMAN (hotel & rest.)
33 **BARBERING, COSMETOLOGY, AND RELATED SERVICES**
331. **Manicuring**
331.878 MANICURIST (per. ser.)
334. **Masseur and Related Services**
334.868 RUBBER (per. ser.) I
334.878 MASSEUR (per. ser.)
REDUCING-SALON ATTENDANT (per. ser.)
335. **Bath Attendant Work**
335.878 COOLING-ROOM ATTENDANT (per. ser.)
HOT-ROOM ATTENDANT (per. ser.)
339. **Barbering, Cosmetology, and Related Services, n.e.c.**
339.868 TATTOO ARTIST (per. ser.)
339.878 REDUCING-MACHINE OPERATOR (per. ser.)
34 **AMUSEMENT AND RECREATION SERVICES**
340. **Bowling Alley and Billiard Parlor Services**
340.878 PIN BOY (amuse. & rec.)
RACKER (amuse. & rec.)
341. **Golf Course, Tennis Court, Skating, Rink, and Related Services**
341.878 CADDIE (amuse. & rec.)
346. **Wardrobe and Dressing-Room Services**
346.868 JOCKEY-ROOM CUSTODIAN (amuse. & rec.)
346.878 DRESSER (amuse. & rec.)
DRESSER (per. ser.)
JOCKEY VALET (amuse. & rec.)
SECOND (amuse. & rec.)
STAND-BY (motion pic.)
WARDROBE MISTRESS (amuse. & rec.)
WARDROBE ATTENDANT (amuse. & rec.)
WARDROBE-MISTRESS ASSISTANT (motion pic.; radio & tv broad.)
349. **Amusement and Recreation Services, n.e.c.**
349.878 BAT BOY (amuse. & rec.)
35 **MISCELLANEOUS PERSONAL SERVICES**
350. **Ship Steward Service**
350.878 BELL BOY (water trans.)
MESSMAN (water trans.)
STEWARD (water trans.)
350.878 STEWARD, BATH (water trans.)
Con. STEWARDESS (water trans.)
STEWARD, WINE (water trans.)
WAITER (water trans.)
351. **Rail Passenger Service**
351.878 PORTER, PULLMAN (r.r. trans.)
352. **Hostess and Steward Service, n.e.c.**
352.878 AIRPLANE STEWARDESS (air trans.)
BUS HOSTESS (motor trans.)
CLUB BOY (hotel & rest.)
HOSTESS, TRAIN (r.r. trans.)
357. **Baggage Porter Service**
357.878 PORTER (air trans.; motor trans.; r.r. trans.)
358. **Checkroom, Locker Room, and Restroom Services**
358.878 BAGGAGEMAN (motor trans.)
CHECKROOM ATTENDANT (any ind.)
CLUBHOUSE BOY (amuse. & rec.)
LOCKER-ROOM ATTENDANT (per. ser.) II
RESTROOM ATTENDANT (any ind.)
MATRON, FACTORY (any ind.)
359. **Miscellaneous Personal Services, n.e.c.**
359.868 HALL ATTENDANT (any ind.)
359.878 BLIND AID (per. ser.)
FUNERAL ATTENDANT (per. ser.)
WATER BOY (agric.; const.)
36 **APPAREL AND FURNISHINGS SERVICES**
366. **Shoe Shining and Related Services**
366.878 BOOTBLACK (per. ser.)
38 **BUILDING AND RELATED SERVICES**
388. **Elevator Service**
388.868 ELEVATOR OPERATOR (any ind.)
389. **Building and Related Services, n.e.c.**
389.878 ESCALATOR ATTENDANT (per. ser.; ret. tr.)
91 **TRANSPORTATION WORK, N.E.C.**
913. **Passenger Transportation, n.e.c.**
913.868 CALLER (air trans.; r.r. trans.)
915. **Parking Lot and Related Service Work**
915.878 AUTOMOBILE-SELF-SERVE-SERVICE-STATION ATTENDANT (auto. ser.)
PARKING-LOT ATTENDANT (auto. ser.)
PARKING-LOT CHAUFFEUR (auto. ser.)

USHERING, MESSENGER SERVICE, AND RELATED WORK

.868; .878

Work Performed

Work activities in this group primarily involve taking tickets, issuing programs, and escorting people to their seats in public places; assisting or escorting people into and out of buildings, conveyances, or facilities; running errands; and receiving and delivering messages.

Worker Requirements

An occupationally significant combination of: The ability and willingness to follow instructions; an affinity for dealing with people; an inclination toward work of a routine, repetitive nature; willingness to wear a uniform; and physical stamina.

Clues for Relating Applicants and Requirements

Courteous manner in an interview.
Expressed desire for public-contact work.
Good physical condition and good grooming.
Experience ushering at high school football games.

Training and Methods of Entry

Most employers prefer individuals with some high school education. Personal characteristics, particularly the ability to get along with people, are important factors. People who have shown through casual work experience, high school education, or extracurricular activities that they are patient, attentive, and dependable rate as good risks. The time spent in training usually is quite short, and an individual frequently is expected to function in an efficient manner after a short demonstration or limited breaking-in period.

RELATED CLASSIFICATIONS

Customer Service Work, N.E.C. (.468; .478) p. 501
Miscellaneous Customer Service Work (.863; .864; .865; .867; .873; .874; .877) p. 503
Accommodating Work (.868) p. 505
Signaling and Related Work (.868) p. 354
Miscellaneous Personal Service Work (Food Serving, Portering, Valeting, and Related Activities) (.868; .878) p. 507

QUALIFICATIONS PROFILE

GED: 2
SVP: 2

Apt:	GVN	SPQ	KFM	EC
	4 3 4	4 4 4	4 4 4	5 5
	3 4	5 5	5	

Int: 2 3
Temp: 5 3
Phys. Dem: L 4 5

23 **INFORMATION AND MESSAGE DISTRIBUTION**
230. **Messenger and Related Work**
230.868 TELEGRAPH MESSENGER (tel. & tel.)
230.878 MESSENGER (clerical)
AID, ROUTE (tel. & tel.)
CASH BOY (ret. tr.)
COPY BOY (print. & pub.)
RUNNER (finan. inst.)
OFFICE BOY (clerical)
239. **Information and Message Distribution, n.e.c.**
239.868 CALLER, INDUSTRIAL (any ind.)
24 **MISCELLANEOUS CLERICAL WORK**
249. **Miscellaneous Clerical Work, n.e.c.**
249.868 VAULT ATTENDANT (banking)
29 **MISCELLANEOUS MERCHANDISING WORK**
291. **Peddling**
291.868 NEWSPAPER CARRIER (print. & pub.)

32 **LODGING AND RELATED SERVICES**
324. **Bellman and Related Services**
324.878 DOORMAN (any ind.)
ROOM-SERVICE CLERK (hotel & rest.) II
329. **Lodging and Related Services, n.e.c.**
329.878 ATTENDANT, LODGING FACILITIES (hotel & rest.)
34 **AMUSEMENT AND RECREATION SERVICES**
342. **Amusement Device and Concession Work**
342.878 RIDE ATTENDANT (amuse. & rec.)
343. **Gambling Hall Services**
343.878 BOARDMAN (amuse. & rec.) II
344. **Ushering**
344.868 TICKET TAKER (amuse. & rec.)
344.878 LOBBY MAN (amuse. & rec.)
PRESS-BOX CUSTODIAN (amuse. & rec.)
SPOT MAN (amuse. & rec.)
USHER (amuse. & rec.)
349. **Amusement and Recreation Services, n.e.c.**

349.878 DRIVE-IN THEATER ATTENDANT (amuse. & rec.)
35 **MISCELLANEOUS PERSONAL SERVICES**
353. **Guide Service, Except Hunting and Fishing**
353.868 ESCORT (any ind.)
TRUCK ESCORT (any ind.)
355. **Attendant Work, Hospitals, Morgues, and Related Health Services**
355.878 EMERGENCY-ENTRANCE ATTENDANT (medical ser.)
HOSPITAL GUIDE (medical ser.)
91 **TRANSPORTATION WORK, N.E.C.**
910. **Railroad Transportation**
910.868 CALLBOY (r.r. trans.)
CONDUCTOR (r.r. trans.)
GATEMAN, RAILWAY (r.r. trans.)
911. **Water Transportation**
911.878 TICKET TAKER, FERRYBOAT (water trans.)

ANIMAL CARE

.874; .877

Work Performed

Work activities in this group primarily involve providing for the welfare of animals. Typical activities are feeding, watering, sheltering, exercising, and grooming animals, and treating them for minor illnesses or injury.

Worker Requirements

An occupationally significant combination of: A liking for animals and a sense of responsibility for their welfare; finger and manual dexterity; eye-hand-foot coordination; motor coordination; ability to adjust to routine work; and physical stamina.

Clues for Relating Applicants and Requirements

Fondness for pets.
Good physical condition.
Membership in 4–H club.

Training and Methods of Entry

Opportunities for entry into these activities exist in large metropolitan areas, where there are many pets and services for their care, and in rural locations where breeding, raising, and caring for animals is an important aspect of the local economy. Workers are usually assigned elementary tasks in the beginning, and learn through experience and observation to perform at the more demanding level.

RELATED CLASSIFICATIONS

Child and Adult Care (.878) p. 479
Miscellaneous Personal Service Work (Food Serving, Portering, Valeting, and Related Activities) (.868; .878) p. 507

QUALIFICATIONS PROFILE

GED:	2 3			
SVP:	6 3 4 5			
Apt:	GVN	SPQ	KFM	EC
	3 4 4	4 4 5	3 3 3	5 5
	4 3	3 4	4 4	4 4
				3
Int:	3 4 6 9			
Temp:	1 3 0			
Phys. Dem:	L M H	3 4 6		

15 ENTERTAINMENT AND RECREATION
153. **Athletics and Sports**
153.874 EXERCISER, HORSE (amuse. & rec.)
LEAD-PONY BOY (amuse. & rec.)
35 MISCELLANEOUS PERSONAL SERVICES
356. **Animal Care, n.e.c.**
356.874 ANIMAL CARETAKER (agric.; medical ser.)
ANIMAL KEEPER (amuse. & rec.)
AQUARIST (amuse. & rec.)
DOG GROOMER (per. ser.)
DOG-POUND ATTENDANT (agric.)
GENERAL HELPER, LABORATORY (drug. prep. & rel. prod.)
HORSE PUSHER (agric.)
KENNELMAN (agric.)
STABLEMAN (any ind.)
VETERINARY-HOSPITAL ATTENDANT (medical ser.)
356.877 PET SHOP ATTENDANT (ret. tr.)

PHOTOGRAPHY AND COMMUNICATIONS

		Page
.062	Photography and Motion Picture Camera Work *see under* ART	230
.148, .268	Radio Announcing and Related Work *see under* ENTERTAINMENT	400
.282, .382	Motion Picture Projecting, Photographic Machine Work, and Related Activities	514
.282, .382	Radio and Television Transmitting and Receiving	516
.862	Switchboard Service *see under* CLERICAL WORK	291

MOTION PICTURE PROJECTING, PHOTOGRAPHIC MACHINE WORK, AND RELATED ACTIVITIES

.282; .382

Work Performed

Work activities in this group primarily involve operating machines and equipment to transmit or receive pictorial matter. Typical activities would be operating a motion-picture projector to transfer images onto a screen; operating set equipment to record the finish of a race; or operating machines to transmit pictures by wire. In most instances workers employ established techniques that leave very little room for creativity.

Worker Requirements

An occupationally significant combination of: Ability to learn and apply photographic processes and techniques; ability to recognize differences in pictorial matter and materials; finger and manual dexterity for work in close quarters; a disposition toward working with machines; and the ability to work to 100 percent accuracy.

Clues for Relating Applicants and Requirements

Vocational and craft courses in high school.
Experience running movie projector at scout meetings.
Amateur hobby of photography.
Preference for working with machines and equipment.

Training and Methods of Entry

A high school education with appropriate vocational training will usually satisfy the requirements made by employers for entry into this work. Entry workers commonly receive on-the-job training under the supervision of experienced operators lasting anywhere from a few months to over a year.

RELATED CLASSIFICATIONS

Photography and Motion Picture Camera Work (.062) p. 230
Radio and Television Transmitting and Receiving (.282; .382) p. 516
Typesetting, Reproducing, and Related Machine Work (.382; .582) p. 274
Operating-Controlling (.882) p. 435

QUALIFICATIONS PROFILE

GED: 4
SVP: 7 6 5

Apt: GVN	SPQ	KFM	EC
3 3 3	3 3 4	4 3 3	5 3
	4 2	3	4
	2		5

Int: 9 7
Temp: 0 Y
Phys. Dem: S L 4 6

14 **ART WORK**

143. **Photography**

143.282 PHOTOGRAPHER, SCIENTIFIC (profess. & kin.)

143.382 BIOLOGICAL PHOTOGRAPHER (profess. & kin.)

CAMERMAN, ANIMATION (motion pic.)

CAMERMAN, SPECIAL EFFECTS (motion pic.)

CAMERAMAN, TITLE (motion pic.)

PHOTOGRAPHER, AERIAL (profess. & kin.)

PHOTOGRAPHER, FINISH (amuse. & rec.)

PHOTOGRAPHER, IDENTIFICATION BUREAU (gov. ser.)

19 **MISCELLANEOUS PROFESSIONAL, TECHNICAL, AND MANAGERIAL WORK**

194. **Sound Recording, Transcribing, and Reproducing**

194.382 RE-RECORDING MIXER (motion pic.)

SOUND CUTTER (motion pic.)

96 **AMUSEMENT, RECREATION, AND MOTION PICTURE WORK, N.E.C.**

960. **Motion Picture Projecting**

960.382 MOTION-PICTURE PROJECTIONIST (amuse. & rec.; motion pic.)

963. **Radio and Television Production, n.e.c.**

963.382 TELEPROMPTER OPERATOR (radio & tv broad.)

VIDEO-RECORDING ENGINEER (radio & tv broad.)

97 **GRAPHIC ART WORK**

971. **Photoengraving**

971.382 PHOTOGRAPHER, PHOTOENGRAVING (print. & pub.)

STEP-AND-REPEAT MAN (print. & pub.)

972. **Lithography and Related Work**

972.382 PHOTOGRAPHER, LITHOGRAPHIC (print. & pub.)

PHOTOLITHOGRAPHER APPRENTICE (print. & pub.)

XEROGRAPHY-MACHINE OPERATOR (print. & pub.)

979. **Graphic Art Work, n.e.c.**

979.382 PHOTOSTAT OPERATOR (any ind.)

RADIO AND TELEVISION TRANSMITTING AND RECEIVING

.282; .382

Work Performed

Work activities in this group primarily involve setting up and operating radio and television transmitting, receiving, and studio-control equipment in fixed and mobile stations, and setting up and operating electronic control equipment to mix and control sound for transmission over closed circuit systems or to record programs on disc, tape, or film.

Worker Requirements

An occupationally significant combination of: Capacity to understand the principles of radio and television communication systems and to comprehend operating instructions related to Federal communications regulations; ability to learn codes and technical terminology related to radio broadcasting; ability to work skillfully with hands when installing and adjusting radio and television equipment; adaptability to adjust to various kinds of programs or operating situations; ability to relate technical knowledge to operating problems; and ability to maintain attention to detail when performing work requiring exact conformance with standards.

Clues for Relating Applicants and Requirements

Experience gained as an amateur radio operator.
Technical knowledge gained through completion of technical school courses in electronics.
Pleasing speaking voice and good vocabulary (if worker is to double as announcer).
High school graduation with good grades in algebra, trigonometry, and physics courses.

Training and Methods of Entry

The majority of workers who enter this field have received specialized training in technical schools for electronics or equivalent university work. Some gain experience by working in less complex jobs at a radio or television studio. Workers who operate or adjust transmitters must hold an appropriate Federal Communications Commission first, second, or third class radio operator license. Small stations frequently require their technicians, and sometimes their announcers, to have a first class radiotelephone operator license.

RELATED CLASSIFICATIONS

Motion Picture Projecting, Photographic Machine Work, and Related Activities (.282; .382) p. 514
Radio Announcing and Related Work (.148) p. 400

QUALIFICATIONS PROFILE

GED: 4 5
SVP: 5 6 7 8
Apt: GVN SPQ KFM EC
2 2 3 3 3 3 3 3 3 5 5
2 4 4 4 4 4
Int: 9 7
Temp: Y 1 0 9
Phys. Dem: S L 4 5 6

19 MISCELLANEOUS PROFESSIONAL, TECHNICAL, AND MANAGERIAL WORK

193. Radio Operating

193.282 AIRLINE-RADIO OPERATOR (air trans.)
DISPATCHER (gov. ser.) I
FIELD ENGINEER (radio & tv broad.)
RADIO-INTELLIGENCE OPERATOR (gov. ser.)
RADIO OFFICER (water trans.)
RADIO STATION OPERATOR (aircraft mfg.)
193.282 RADIOTELEGRAPH OPERATOR (tel. & tel.)
Con. RADIOTELEPHONE OPERATOR (tel. & tel.)
193.382 PHOTORADIO OPERATOR (tel. & tel.)

194. Sound Recording, Transcribing, and Reproducing

194.282 SOUND MAN (amuse. & rec.)
SOUND MIXER (motion pic.; phonograph; radio & tv broad.)

95 PRODUCTION AND DISTRIBUTION OF UTILITIES

957. Transmission of Communications, n.e.c.

957.282 AUDIO OPERATOR (radio & tv broad.)
CONTROL-ROOM TECHNICIAN (radio & tv broad.)
MASTER-CONTROL ENGINEER (radio & tv broad.)
TRANSMITTER OPERATOR (radio & tv broad.)
VIDEO OPERATOR (radio & tv broad.)
957.382 CONTROL-ROOM MAN (radio & tv broad.)
TELECINE OPERATOR (radio & tv broad.)

TRANSPORTATION

		Page
.130 .131 .132 .133 .134 .137	Supervisory Work (Farming, Logging, Manufacturing, Processing, Construction, Transportation, and Related Activities) *see under* CRAFTS	299
.138	Supervisory Work (Farming, Logging, Manufacturing, Processing, Construction, Transportation, and Related Activities) *see under* CRAFTS	305
.168	Scheduling, Dispatching, Expediting, and Related Work *see under* CLERICAL WORK	261
.168 .228 .268	Flight and Related Training *see under* EDUCATION AND TRAINING	339
.283 .383	Transporting and Test Driving *see under* INVESTIGATING, INSPECTING, AND TESTING	422
.363 .364 .463	Transportation Service Work	519
.368	Facilities, Services, and Movement Allocating and Expediting Work *see under* CLERICAL WORK	265
.383 .483	Delivery and Service Work, n.e.c. *see under* MERCHANDISING	491
.868	Signaling and Related Work *see under* ELEMENTAL WORK	354
.883	Driving-Operating *see under* MACHINE WORK	444

TRANSPORTATION SERVICE WORK

.363; .364; .463

Work Performed

Work activities in this group primarily involve driving a taxicab, streetcar, bus, or similar vehicle to transport fare-paying passengers. Workers typically perform such additional tasks as collecting fares and making change, keeping simple clerical records, dispensing information, and assisting with luggage.

Worker Requirements

An occupationally significant combination of: Eye-hand-foot coordination; the ability to judge relative distances; courtesy and tact; and the ability to adjust to a routine.

Clues for Relating Applicants and Requirements

Part-time work experience driving a taxicab at night.
Automobile driving course in high shcool.
An expressed liking for driving motor vehicles.
Preference for public-contact work.

Training and Methods of Entry

Licensing regulations vary from city to city and State to State, but, in general, a driver's license, a chauffeur's license, a good driving record, and good physical condition are the most typical prerequisites for entry into this work. Formal education is not always required, but many employers prefer individuals with high school backgrounds. A pleasant personality and neat apperance are very often of considerable importance.

New employees are usually given a brief training period, driving vehicles without passengers under the guidance of an experienced driver.

RELATED CLASSIFICATIONS

Transporting and Test Driving (.283; .383) p. 442
Driving-Operating (.883) p. 444

QUALIFICATIONS PROFILE

GED: 3 4
SVP: 3 5
Apt: GVN SPQ KFM EC
3 3 3 3 3 3 3 3 3 3 4
4 4

Int: 1 2 9 3
Temp: 2 5
Phys. Dem: L M 4 5 6

91 **TRANSPORTATION WORK, N.E.C.**
910. **Railroad Transportation**
910.364 BRAKEMAN, PASSENGER TRAIN (r.r. trans.)
913. **Passenger Transportation, n.e.c.**
913.363 BUS DRIVER, DAY-HAUL OR FARM CHARTER (agric.)
MOTORMAN (r.r. trans.) II
TAXI DRIVER (motor trans.)
913.463 BUS DRIVER (motor trans.)
BUS DRIVER, SCHOOL (motor trans.)
TRANSIT OPERATOR (motor trans.)

WRITING

		Page
.018, .038, .068	Journalism and Editorial Work	522
.068	Promotion and Publicity *see under* MERCHANDISING	482
.088	Creative Writing	524
.188, .288	Technical Writing and Related Work *see under* ENGINEERING	387
.268	News Reporting and Related Work	526
.288	Translating, Editing, and Related Work	528
.288, .388	Corresponding and Related Work *see under* BUSINESS RELATIONS	256

JOURNALISM AND EDITORIAL WORK

.018; .038; .068

Work Performed

Work activities in this group primarily involve writing or editing material designed to induce specific actions, attitudes, or opinions; editing material designed to inform or amuse the public; or directing the policy and production of a publication or similar medium of communication or a department thereof. Some of these activities involve tasks of a supervisory nature.

Worker Requirements

An occupationally significant combination of: Facility with language and good vocabulary; originality and inventiveness; the ability to understand and relate to people; organizational ability; powers of persuasion; and attention to detail.

Clues for Relating Applicants and Requirements

Poise and good vocabulary in an interview.
Good grades in English courses in school.
Experience writing for school newspaper.
Active interest in current events.
Voracious reading habits.

Training and Methods of Entry

Entry into this field is usually accomplished by advancement from positions requiring less skill and responsibility. Considerable experience in straight reportorial, factual writing coupled with exposure to a communications environment and an appreciation of overall policy is practically a necessity. For information regarding training and methods of entry for reporting work, *see* News Reporting and Related Work, p. 526.

RELATED CLASSIFICATIONS

Creative Writing (.088) p. 524
Administration (.118; .168) p. 237
News Reporting and Related Work (.268) p. 526
Translating, Editing, and Related Work (.288) p. 528
Technical Writing and Related Work (.188; .288) p. 387

QUALIFICATIONS PROFILE

GED: 5 6
SVP: 8 9 7
Apt: GVN SPQ KFM EC
1 1 3 4 4 3 4 4 4 5 5
Int: 5 6 2
Temp: 4 9 5 7
Phys. Dem: S 5 6

05 SOCIAL SCIENCES
052. History
052.038 DIRECTOR, STATE-HISTORICAL SOCIETY (profess. & kin.)
13 WRITING
131. Writing and Editing, Motion Pictures, Radio, and Television
131.038 EDITOR, CONTINUITY AND SCRIPT (radio & tv broad.)
EDITOR, NEWS (radio & tv broad.)
EDITOR, FOREIGN NEWS, BROADCAST (radio & tv broad.)
EDITOR, SCENARIO (motion pic.)
131.038 MANAGER, NEWS, SPECIAL EVENTS, AND
Con. PUBLIC AFFAIRS (radio & tv broad.)
131.068 NEWS ANALYST, BROADCAST (radio & tv broad.)
WRITER, NEWS, INTERNATIONAL BROADCAST (radio & tv broad.)
132. Writing and Editing, Publications
132.018 EDITOR, MANAGING, NEWSPAPER (print. & pub.)
EDITOR, NEWSPAPER (print. & pub.)
MANAGER, TECHNICAL-AND-SCIENTIFIC PUBLICATIONS (profess. & kin.)
132.038 EDITOR, CITY (print. & pub.)
EDITOR, DEPARTMENT (print. & pub.)
132.038 EDITOR, EDITORIAL PAGE (print. & pub.)
Con. EDITOR, FINANCIAL (print. & pub.)
EDITOR, SPORTS (print. & pub.)
EDITOR, STATE (print. & pub.)
EDITOR, TRADE-OR-TECHNICAL PUBLICATION (print. & pub.)
SUPERVISOR, PUBLICATIONS (profess. & kin.)
132.068 COLUMNIST (print. & pub.)
EDITOR, BOOK (print. & pub.)
EDITOR, CABLE, SYNDICATE (print. & pub.)
EDITOR, MAGAZINE (print. & pub.)
EDITOR, NEWS (print. & pub.)
NEWS SPECIALIST, SYNDICATE (print. & pub.)

CREATIVE WRITING

.088

Work Performed

Work activities in this group primarily involve expressing ideas, feelings, and personal interpretations by means of the written word. Typical activities are writing poetry, fiction, criticism, lyrics, advertising copy, and plays.

Worker Requirements

An occupationally significant combination of: An understanding of concepts related to theme, character, plot, and tone; creativity and imagination; extensive vocabulary; ability to read analytically; a sense of rhythm and euphony; retentive memory; ability to identify oneself with others and their experiences; and lucidity of expression.

Clues for Relating Applicants and Requirements

Level of attainment in language as indicated by scores on aptitude tests and grades in educational courses.
Desire for recognition in the literary field.
Articulate discourse.
Membership in literary or book clubs.
Previous compositions, such as poems, high school or college plays, or stories of any kind.

Training and Methods of Entry

Because of the very nature of the work, there can be no prescribed standards of training or methods of entry. All knowledge and experience serve as preparation for entrance into this field. The acquisition of the skill to write creatively is largely accomplished through self-training and the perfection of native ability. Moreover, the kind of training required depends on the kind of creative writing one intends.

Nevertheless, certain academic work is more useful as preparatory background than others. A bachelor's degree in journalism, literature, and, in some cases, liberal arts is sufficient for entry into several fields of writing from which, depending on the desires and abilities of the individual, one may go into creative writing.

RELATED CLASSIFICATIONS

Journalism and Editorial Work (.018; .038; .068) p. 522
News Reporting and Related Work (.268) p. 526
Translating, Editing, and Related Work (.288) p. 528

QUALIFICATIONS PROFILE

GED: 6 5
SVP: 7 8 6
Apt: GVN SPQ KFM EC
1 1 4 4 4 3 4 4 4 5 5
2

Int: 8 6 5
Temp: X 9 7
Phys. Dem: S 5

13 **WRITING**

130. Freelance Writing

130.088 ESSAYIST (profess. & kin.)
LITERARY WRITER (profess. & kin.)
POET (profess. & kin.)
LYRIC WRITER (profess. & kin.)

131. Writing and Editing, Motion Pictures, Radio, and Television

131.088 CONTINUITY WRITER (motion pic.)
CONTINUITY WRITER (radio & tv broad.)
GAG WRITER (motion pic.; radio & tv broad.)
131.088 PLAYWRIGHT (profess. & kin.)
Con. READER (motion pic.)
SCENARIO WRITER (motion pic.)
SCRIPT WRITER (radio & tv broad.)
SCRIPT WRITER, INTERNATIONAL BROADCAST (radio & tv broad.)
TITLE WRITER (motion pic.)
WRITER, NEWS-OR-SCRIPT, FOREIGN LANGUAGE (radio & tv broad.)

132. Writing and Editing, Publications

132.088 COPY WRITER (profess. & kin.)
CRITIC (print. & pub.)
EDITORIAL WRITER (print. & pub.)
LEXICOGRAPHER (profess. & kin.)

139. Writing, n.e.c.

139.088 COLLABORATOR (profess. & kin.)
CROSS-WORD-PUZZLE MAKER (print. & pub.)
EDITOR, GREETING CARD (print. & pub.)
HUMORIST (profess. & kin.)
LIBRETTIST (profess. & kin.)

NEWS REPORTING AND RELATED WORK

.268

Work Performed

Work activities in this group primarily involve gathering information of a newsworthy nature and/or writing stories, articles, and similar materials relating to this information for publication in newspapers or periodicals, or for broadcast over radio or television.

Worker Requirements

An occupationally significant combination of: Facility with language and good vocabulary; the ability to understand and relate to people; organizational ability; powers of persuasion; the ability to adjust to a variety of different situations; and attention to detail.

Clues for Relating Applicants and Requirements

Poise and good vocabulary during interview.
Good grades in school, especially in English and journalism.
Experience in writing for school newspaper.
Active interest in current events.
Voracious reading habits.

Training and Methods of Entry

A majority of individuals who enter this field have received specialized training in English or journalism at the college or university level. Some small weekly or daily newspapers accept entry applicants with only a high school education provided they have displayed facility in writing by contributing to school or neighborhood publications.

RELATED CLASSIFICATIONS

Creative Writing (.088) p. 524
Journalism and Editorial Work (.018; .038; .068) p. 522
Radio Announcing and Related Work (.148; .268) p. 400
Translating, Editing, and Related Work (.288) p. 528
Promotion and Publicity (.068) p. 482
Corresponding and Related Work (.288; .388) p. 256

QUALIFICATIONS PROFILE

GED: 5
SVP: 7

Apt:	GVN	SPQ	KFM	EC
	1 1 3	4 4 4	4 4 4	5 5
			3	

Int: 5 6 2
Temp: 1 5 9
Phys. Dem: S L 5 6

13 **WRITING**
132. **Writing and Editing, Publications**
132.268 REPORTER (print. & pub.)
CORRESPONDENT (print. & pub.; radio & tv broad.)
FEATURE REPORTER (print. & pub.)
REWRITE MAN (print. & pub.) II

TRANSLATING, EDITING, AND RELATED WORK

.288

Work Performed

Work activities in this group primarily involve translating the written word from one language to another; analyzing coding systems to decode messages; determining the suitability of material for publication; editing material for format, style, grammar, content, and composition; and conducting research in museums, libraries, and archives.

Worker Requirements

An occupationally significant combination of: Good vocabulary and facility with language; ability to communicate ideas and proper syntax of language being translated; accuracy and precision in editing material; and analytical ability to conduct research, abstract pertinent material, and prepare clear, concise reports.

Clues for Relating Applicants and Requirements

Preference for language courses in high school.
Membership in a foreign language "pen pal" club.
High school newspaper editorship.
Experience as translator for an international club in college or high school.
Part-time experience as research librarian in college.

Training and Methods of Entry

A college education with concentration in appropriate foreign languages, English, and writing courses will usually satisfy the requirements made by employers of individuals seeking entry into this work.

Occasionally, on-the-job training under the direct supervision and guidance of experienced workers is accepted in cases where applicants meet some, but not all, of the qualifications.

RELATED CLASSIFICATIONS

Journalism and Editorial Work (.018; .038; .068) p. 522
News Reporting and Related Work (.268) p. 526
Corresponding and Related Work (.288; .388) p. 526
Information Gathering, Dispensing, Verifying, and Related Work (.368) p. 258

QUALIFICATIONS PROFILE

GED: 5 4
SVP: 7 6 8

Apt:	GVN	SPQ	KFM	EC
	2 2 3	4 4 3	4 4 4	5 5
	1 4	2		

Int: 6
Temp: 9 0 Y
Phys. Dem: S

10 MUSEUM, LIBRARY, AND ARCHIVAL SCIENCES
100. **Library Work**
100.288 BIBLIOGRAPHER (profess. & kin.)
109. **Museum, Library, and Archival Sciences, n.e.c.**
109.288 RESEARCH ASSISTANT (profess. & kin.) II
RESEARCH WORKER, ENCYCLOPEDIA (profess. & kin.)
13 WRITING
132. **Writing and Editing, Publications**
132.288 BOOK CRITIC (print. & pub.) II
COPY READER (print. & pub.)
COPY READER, BOOK (print. & pub.)
EDITING CLERK (clerical)
EDITORIAL ASSISTANT (print. & pub.)
EDITOR, NEWS PHOTOGRAPH (print. & pub.)
EDITOR, PICTURE (print. & pub.)
132.288 EDITOR, TELEGRAPH (print. & pub.)
READER, FIRST (print. & pub.) I
137. **Interpreting and Translating**
137.288 FOREIGN-EXCHANGE CODE CLERK (banking)
TRANSLATOR (profess. & kin.)
FOREIGN CORRESPONDENT (profess. & kin.)
FOREIGN-NEWS TRANSLATOR (radio & tv broad.; tel. & tel.)
TRANSLATOR, RADIO COMMUNICATIONS (tel. & tel.)
TRANSLATOR, SCIENTIFIC DOCUMENTS (profess. & kin.)
15 ENTERTAINMENT AND RECREATION
152. **Music**
152.288 COPYIST (any ind.)
16 ADMINISTRATIVE SPECIALTIES
168. **Inspecting and Investigating, Managerial and Public Service**
168.288 CENSOR (gov. ser.)
19 MISCELLANEOUS PROFESSIONAL, TECHNICAL, AND MANAGERIAL WORK
199. **Miscellaneous Professional, Technical, and Managerial Work, n.e.c.**
199.288 CRYPTANALYST (gov. ser.)
HANDWRITING EXPERT (gov. ser.)
96 AMUSEMENT, RECREATION, AND MOTION PICTURE WORK, N.E.C.
962. **Motion Picture Production, n.e.c.**
962.288 EDITOR, FILM (motion pic.)
963. **Radio and Television Production, n.e.c.**
963.288 COPYRIGHT EXPERT (radio & tv broad.)
SCRIPT READER (radio & tv broad.)

INDUSTRY ARRANGEMENT OF TITLES

abrasive & polish. prod.—EMERY WHEEL AND OTHER ABRASIVE AND POLISHING PRODUCTS INDUSTRY: This industry includes occupations in the manufacture of such products as belts, disks of emery, corundum, or other abrasives, emery cloth, polishing or other abrasive wheels, and sandpaper.

ABRASIVE-COATING-MACHINE OPERATOR
ABRASIVE GRINDER
facing grinder
radius grinder
ABRASIVE MIXER
mixer operator
ABRASIVE-MIXER HELPER
ABRASIVE-STONE CUTTER, HAND
chipper
ABRASIVE-WHEEL MOLDER
molder
pressman
BELT MAKER
sleeve maker
sleeve wheel maker
BUSHER
CONCENTRATOR OPERATOR
DIAMOND-DUST TECHNICIAN
DIAMOND-WHEEL MOLDER
EMERY-WHEEL MOLDER
FINISHING-MACHINE OPERATOR
GRINDING-WHEEL INSPECTOR
HOT-PRESS OPERATOR
LABORATORY TECHNICIAN
MIXER, DIAMOND POWDER
POLISHING-WHEEL MAKER
SANDPAPER WINDER
paper-taker-down operator
SIZING-MACHINE OPERATOR
STEEL-WOOL-MACHINE OPERATOR, AUTOMATIC
TAPE COATER

agric.—AGRICULTURE AND AGRICULTURAL SERVICE: Covered by this designation are occupations concerned with the following types of activity: (1) raising crops to be used as food (for human and animal consumption), for industrial use, as in production of cotton textiles and of plastic materials and other chemicals, and for other purposes; (2) breeding and raising poultry, livestock, and other animals for food, furs, or hides, for show or utility purposes, or as pets; (3) functions related to the above that are frequently performed by persons engaged in agriculture but that are also performed as services by organizations that specialize in such activities, including functions that are characteristically performed as services to farmers and others engaged in agriculture and directly related to agriculture. Occupations of a professional character, such as agronomists, entomologists, and plant pathologists, are included under PROFESSIONAL AND KINDRED OCCUPATIONS (profess. & kin.).

AGRICULTURAL AID
AIRPLANE PILOT
aerial-applicator pilot
agricultural-aircraft pilot
aircraft pilot
airplane pilot, crop dusting
AIRPLANE-PILOT HELPER
flagman
swamper
ALL-ROUND FARM-MACHINERY OPERATOR
ALMOND HULLER
ALMOND KNOCKER
ANIMAL BREEDER
culturist
ANIMAL CARETAKER
ANIMAL CARETAKER (agric.; medical ser.)
animal keeper
ANIMAL HUSBANDMAN
APPLE GROWER
APPLE PACKER
APPLE-PACKING HEADER
APPLE PICKER
APPLE-PICKING CHECKER
APPLE SORTER
APPLE WASHER
APRICOT PACKER
APRICOT PICKER
AREA FOREMAN
ARTIFICIAL-BREEDING DISTRIBUTOR
ARTIFICIAL-BREEDING TECHNICIAN
breeding technician
ARTIFICIAL INSEMINATOR
inseminator
ASPARAGUS CUTTER
ASPARAGUS GRADER AND BUNCHER
ASPARAGUS SORTER
AVOCADO PACKER
AZALEA GROWER
BAGGER-AND-BURLAP MAN
baller
BALE BUCKER, HAY
BALE SEWER
BALE STACKER, HAY
BAND MAKER
band spliicer
BAND SHOVER, PRESS
BAND-TABLE MAN
band straightener
BARN FILLER
BARNMAN
BASKET TURNER
BEAN-FIELD WORKER
BEAN-HARVESTING-MACHINE OPERATOR
BEAN PICKER
BEAN-POLE SETTER AND STRINGER
BEAN-SPROUT GROWER
hotbed man, bean sprout
BEDDER OPERATOR
BEEKEEPER
apiarist
bee farmer
beeman
bee raiser
bee rancher
honey producer
BEE PRODUCER
BEET-HARVESTER OPERATOR
BEET LIFTER
BEET RAISER
BEET THINNER
BERRY GROWER
fruit gardener
BERRY PICKER
BINDER OPERATOR
BIOLOGICAL AID
BLACKBERRY PICKER
BLACKSMITH, FARM
BLIGHT-CONTROL FOREMAN
BLISTER-RUST ERADICATOR
BLOCKER
BLOOD TESTER, FOWLS
BLUEBERRY GROWER
BLUEBERRY PICKER
BLUEBERRY RAKER
BOTTOM CUTTER
BOXER
BROCCOLI CUTTER
BRONC BUSTER
BROODER MAN
BROOMCORN CUTTER
BROOMCORN PULLER
BROOMCORN TIER
BRUSH BUSTER
BRUSHER
BULB GROWER
BULB PLANTER
BULB SORTER
BUNDLE STACKER
BUS DRIVER, DAY-HAUL OR FARM CHARTER
CABBAGE CUTTER
CACTUS GRUBBER
CAMP TENDER
CANARY BREEDER
CANE BURNER
CANE CUTTER
CANE LOADER
CANE WEIGHER
CAPONIZER
CAPPER
CAPPER PICKER
CARETAKER, FARM
caretaker
CARROT DIGGER
CARROT DIGGER AND TIER
CARROT GRADER-INSPECTOR
carrot checker
CARROT-HARVEST HAND
CARROT TIER
CARROT TOPPER
CARROT WASHER
CAT BREEDER
cat raiser
CATTLE BREEDER
CATTLE FARMER, MEAT PRODUCTION
CATTLE HERDER
CATTLE RANCHER
beef grower
cattle feeder
cattle grower
cattleman
cattle ranchman
stockman
CATTLE-RANCH FOREMAN
CAULIFLOWER-HARVESTING-AND-PACKING FOREMAN
CAULIFLOWER TIER
CAULIFLOWER TRIMMER
CAVIYA
CEDAR-POST CUTTER
CELERY-HARVESTING-MACHINE OPERATOR
CELERY TRIMMER, FIELD
CEMETERY WORKER
CHERRY GROWER
CHERRY PACKER
CHERRY PICKER
CHERRY SORTER
CHICKEN FANCIER
CHICKEN SEXER
CHICKEN-SEXER HELPER
CHICKEN VACCINATOR
CHICK GRADER
poultry culler
CHICK-GRADER HELPER
CHOPPER OPERATOR, STATIONARY
CHRISTMAS-TREE CUTTER
CIRCLE RIDER
CITRUS-FRUIT FOREMAN
CITRUS-FRUIT PACKER
CITRUS-FRUIT-PACKING GRADER
CITRUS PICKER
CLEAN-UP MAN
COFFEE PICKER
COMBINE OPERATOR
COMPRESS OPERATOR
compress engineer
high-density press operator
press leverman
press operator
COMPRESS TRUCKER
CONTRACTOR, BROOMCORN THRESHING
CONTRACTOR, FIELD HAULING
COOK CAMP
COOK, RANCH I
COOK, RANCH II
CORN CUTTER
CORN DETASSELER
CORN GROWER
CORN-HARVESTING-MACHINE OPERATOR
CORN HUSKER
CORN PICKER
CORN-PICKER OPERATOR
CORN SHELLER
CORN SNAPPER
CORRAL BOSS
COTTON BALER
pressman, cotton ginning
COTTON CHOPPER
COTTON CLASSER
agricultural-commodity grader, cotton
cotton grader
COTTON GROWER
cotton farmer
cotton planter
cotton raiser
COTTON PICKER
COTTON PICKER, MECHANICAL
COTTON-PICKING-MACHINE OPERATOR
COTTON SAMPLER
sampler
COTTON STOMPER
COTTON STRIPPER
COTTON-STRIPPING-MACHINE OPERATOR
COTTON TIER
tie-out man
COTTON WEIGHER
COUNTER
COWPUNCHER
bayero
buccaro
buchara
buckaroo
cowboy
puncher
ranch rider
rider
vacher
vaquero
COW WASHER
CRANBERRY GROWER
CRANBERRY PICKER
CRANBERRY PICKER, MACHINE
CRANBERRY SCOOPER
CRANBERRY SCREENER
CRANBERRY SNAPPER
CRANBERRY SORTER
CRATER
CRATE TIE-MAN
CREAM SEPARATOR TENDER
CROP BOSS
CUCUMBER PICKER
CULLED-FRUIT PACKER
CULL GRADER
CULTIVATED BLUEBERRY PICKER
CULTIVATOR OPERATOR
DAIRY COUPLE
DAIRY TESTER
DAY-HAUL YOUTH SUPERVISOR
DAY WORKER
DEHYDRATOR OPERATOR, PEAT
DETASSELING-CREW SUPERVISOR
DIGGER OPERATOR
DINKEY-PRESS MAN
band stripper
DINKEY-PRESS MAN—Con.
dinkey-compress operator
dinkey-press operator
DISK-HARROW OPERATOR
DISK-PLOW OPERATOR
DITCH CLEANER
DITCH DIGGER
ditcher
DOG BREEDER
dog fancier
kennel keeper
DOG-POUND ATTENDANT
pound keeper
DRAGGER, TOBACCO
DRAG OPERATOR
DRENCHER
DRIVE-OFF MAN
keyman
DRIVER
DROVER
DRUG GROWER
DUMPER, HOPS
DUSTER, MACHINE
EGG PACKER
EGG-ROOM FOREMAN
EGG TRAYER
EGG-WASHING-MACHINE OPERATOR
ELECTRIC-FORK OPERATOR
ENSILAGE-CORN-CHOPPER OPERATOR
ENSILAGE-CUTTER OPERATOR
EVERGREEN GROWER
FACE-AND-FILL PACKER
FARM BOY
chore boy
farm roustabout
hired boy, farm
FARM COUPLE
couple
FARM-EQUIPMENT MECHANIC I
farm mechanic
FARM-EQUIPMENT MECHANIC II
farm mechanic
field-equipment-maintenance mechanic, farm
FARM-EQUIPMENT-MECHANIC APPRENTICE
farm-mechanic apprentice
FARM-EQUIPMENT OPERATOR
FARMER, CASH GRAIN
cash grain grower
grain farmer
FARMER, CONTRACT
farmer, custom
FARMER, DIARY
dairyman
FARMER, GENERAL
FARMER, NUT
FARMER, TENANT
farm renter
FARMER, TREE FRUIT
FARM FOREMAN
FARM HAND, ANIMAL
FARM HAND, BERRY
FARM HAND, CATTLE
FARM HAND, CITRUS FRUIT I

agric.—continued

FARM HAND, CITRUS FRUIT II
grove laborer
FARM HAND, COTTON I
FARM HAND, COTTON II
FARM HAND, CRANBERRY BOG
cranberry-bog worker
FARM HAND, DAIRY I
dairy-field hand
dairy hand
dairy helper
hired hand, dairy
FARM HAND, DAIRY II
choreman
hired hand, dairy
FARM HAND, FOX FARM
FARM HAND, FRUIT I
FARM HAND, FRUIT II
laborer, fruit farm
laborer, orchard
FARM HAND, GENERAL I
farm hand, regular
farm-wage hand
hand
hired hand
hired man
wage hand
FARM HAND, GENERAL II
chore hand
farm laborer
hand
hired man
wage hand
FARM HAND, GRAIN I
FARM HAND, GRAIN II
FARM HAND, HOPS
laborer, hop farm
FARM HAND, LIVESTOCK
FARM HAND, MUSHROOM
mushroom-farm laborer
FARM HAND, POULTRY
FARM HAND, RICE
FARM HAND, SUGAR BEET
FARM HAND, SUGARCANE
FARM HAND, TOBACCO
tobacco hand
FARM HAND, VEGETABLE I
FARM HAND, VEGETABLE II
garden worker
laborer, vegetable farm
vegetable worker
FENCE RIDER
FERTILIZER - MACHINE OPERATOR
FIELD CHECKER
FIELD-CHOPPER OPERATOR
FIELD HAULER
FIELD-HAY-BALER OPERATOR
FIELD PITCHER
FIELD SUPERVISOR
FIELD SUPERVISOR, SEED PRODUCTION
FIG CAPRIFIER
FIG PICKER
FIG SORTER
FILBERT GROWER
FIRE-BREAK CUTTER
FLEECE TIER
FLOAT OPERATOR
FLOWER CLIPPER
FLOWER GRADER
FLOWER GROWER
FOREMAN, POULTRY
FOURTH-CROPPER
FOX RAISER
FRUIT-FARM FOREMAN
fruit-ranch foreman
orchard foreman
FRUIT-HARVESTER OPERATOR
FRUIT PACKER, FACE-AND-FILL
FRUIT PACKER, WRAP-AND-PLACE
FRUIT-PACKING-GRADER OPERATOR
FRUIT PICKER
FRUIT SORTER
FRUIT SPRAYER
FRUIT THINNER
FRUIT WORKER
FUMIGATOR, NURSERY
FUMIGATOR, ORCHARD
FUR BREEDER
FUR FARMER
fur rancher
FURROW OPERATOR
GAME FARMER
GENERAL MANAGER, FARM
GIN CLERK
GINNER
cotton-gin operator
gin-stand man
gin-stand operator
gin worker
GINSENG FARMER
GOAT HERDER II
GOAT KEEPER
goat herder
GOAT-TRUCK DRIVER
swamper
GOOSE HERDER
GRADER MAN
GRAIN SHOCKER
GRAIN-SWATHER OPERATOR
GRAPE GROWER
manager, vineyard
vine grower
vineyard foreman
GRAPE PICKER
GRAPE ROLLER
GRAPE TURNER
GRAPEVINE PRUNER
GRAVE DIGGER
GREASER
GREEN-CROP LOADER
GREENHOUSE FLORIST
GREENHOUSE WORKER
GROUNDMAN
tree-surgeon helper
GROUP LEADER
crew boss
crew leader
row boss
GROVE FOREMAN
GRUBBER
axman
clearing man
sawman
sawyer
GUINEA-PIG BREEDER
HALF-CROPPER
HANDER, FLUE CURED
HAND SHAKER
HARVEST CONTRACTOR
contract picker
HARVEST HAND, BERRY
HARVEST HAND, BROOMCORN
HARVEST HAND, CASTOR BEAN
HARVEST HAND, CITRUS FRUIT
HARVEST HAND, COTTON
HARVEST HAND, CRANBERRY BOG
HARVEST HAND, FRUIT
HARVEST HAND, GENERAL
HARVEST HAND, GRAIN
HARVEST HAND, HOPS
HARVEST HAND, ONION SEED
HARVEST HAND, PEANUT
HARVEST HAND, SUGAR BEET
HARVEST HAND, SUGARCANE
HARVEST HAND, TOBACCO
HARVEST HAND, VEGETABLE
HARVESTING - MACHINE OPERATOR
HATCHERY MAN, POULTRY
HAULER, PEANUT
HAY BALER
HAY-BALER OPERATOR
HAY-CHOPPER OPERATOR
HAY FARMER
HAYING HAND
HAY-RAKE OPERATOR
HAY STACKER
HAZER
HEADER
HEADER TENDER
HEAVY-EQUIPMENT OPERATOR
HERDSMAN I
HERDSMAN, DAIRY
HERDSMAN, SWINE
HOE-DOWN
HOE HAND
HOER
HOE SHARPENER
HOP GROWER
HOP HOER
HOP PICKER
HOP - PICKING - MACHINE OPERATOR
HOP - PICKING - MACHINE OPERATOR, HORIZONTAL
HOP-PICKING-MACHINE OPERATOR, PORTABLE
HOP-PICKING-MACHINE OPERATOR, STATIONARY
HOP-PICKING-MACHINE OPERATOR, VERTICAL
HOP PRUNER
HOP SORTER
HOP TRAINER
HORSE BREAKER, DRAFT
HORSE BREAKER, SADDLE
HORSE BREEDER
horse raiser
HORSEMAN, SHOW
HORSE PUSHER
HOTBED MAN
IRRIGATION ENGINEER
INCUBATOR FOREMAN
IRRIGATING-PUMP OPERATOR
IRRIGATOR
IRRIGATOR, BORDER
IRRIGATOR, HEAD
ditch tender
foreman, irrigation
IRRIGATOR, SPRINKLING SYSTEM
irrigator, overhead
IRRIGATOR, STANDPIPE
IRRIGATOR, VALVE PIPE
KENNELMAN
dog care man
dog handler
KILN LAYER
KILNMAN, HOPS
kiln foreman
KNIFE OPERATOR
KNOCKER
LABORATORY TECHNICIAN, ARTIFICIAL BREEDING
LABORER, GRAIN THRESHING
LABORER, GREENHOUSE
LABORER, HATCHERY
incubator man
watchman, hatchery
LABORER, HIGH-DENSITY PRESS
hoist man
LABORER, IRRIGATION
LABORER, LANDSCAPE
LABORER, NURSERY
LABORER, ORCHARD FUMIGATION
LABORER, RANCH
LABORER, SEED CORN
LABORER, SEED FARM
LABORER, VINEYARD
vineyard man
LAMBER
LAND-PLANE OPERATOR
LANDSCAPE GARDENER
landscaper
LEMON GROWER
LEMON PICKER
LEMON-PICKING FOREMAN
LETTUCE CUTTER
LETTUCE TRIMMER
LIDDER
LIMA-BEAN PITCHER
LIQUID-FERTILIZER SERVICEMAN
LIVESTOCK-SPRAY-MACHINE OPERATOR
LOOPER, BRIGHT LEAF
LOOPER, FLUE CURED
LUGGER
MACHINE DUSTER I
MAKE-UP MARKETMAN, TRUCK GARDEN
MANAGER, FARM
farm overseer
manager, agricultural
superintendent, farm
MANAGER, HATCHERY
poultry technician
MANAGER, PRODUCTION, SEED CORN
manager, regional
MAP CLERK
farm mapper
MEASURER
MEAT DRESSER
farm butcher
MECHANICAL-FRUIT-LOADER OPERATOR
MEDICINAL-PLANT COLLECTOR
drug collector
MELON CAPPER
MELON PACKER
MESQUITE GRUBBER
MIDDLEBUSTER OPERATOR
MIGRANT LEADER
crew leader
farm-crew leader
migratory-crew foreman
MIGRANT WORKER
migratory worker
MILKER, HAND
MILKING-MACHINE OPERATOR
milker, machine
MOSS CUTTER
MOSS HANDLER
moss worker
peat-moss handler
MOSS PICKER
MOUSE BREEDER
MOWING-MACHINE OPERATOR
MULCH-PAPER-LAYING-MACHINE OPERATOR
MUSHROOM GROWER
MUSHROOM PACKER
MUSHROOM PICKER-CUTTER
MUSHROOM PLANTER
MUSHROOM SPAWNER
MUSTANGER
NURSERYMAN
manager nursery
nursery farmer
propagation man
NURSERY ORDER FILLER
NURSERY WORKER
NUT, GATHERER, TUNG
NUT ORCHARDIST
NUT SORTER
OIL-SPRAYING-MACHINE OPERATOR
OLIVE KNOCKER
OLIVE PICKER
ONION DIGGER
ONION FARMER
ONION TOPPER
ORANGE GROWER
ORANGE-HARVESTER OPERATOR
ORANGE PICKER
ORANGE-PICKING FOREMAN
ORANGE WASHER
ORCHARDIST
farmer, fruit
ORCHARD PRUNER
ORCHARD SPRAYER
OSTRICH FARMER
PACE SETTER
PACKER, AGRICULTURAL PRODUCE
PACKING-HOUSE FOREMAN
house foreman
packing-shed foreman
PAPER-LAYING-MACHINE OPERATOR
PARTRIDGE FARMER
PASSER, PICKING MACHINE, HOPS
PATCH MAN
PEACH GROWER
PEACH PICKER
PEACH SORTER
PEA-FIELD WORKER
PEANUT-COMBINE OPERATOR
PEANUT-DIGGER-SHAKER OPERATOR
PEANUT FARMER
PEANUT-HARVESTING-MACHINE OPERATOR
PEANUT-PICKER OPERATOR
peanut-picking-machine operator
PEANUT STACKER
PEANUT THINNER
PEANUT-THRESHER OPERATOR
PEA PICKER
PEA PITCHER
PEAR PACKER
PEAR PICKER
PECAN GROWER
PELTER
skinner, pelts
PEPPERMINT FARMER
PEST-CONTROL PILOT
PHEASANT FARMER
PICKER
PICKER-UP, CUT ASPARAGUS
PICKING-CREW FOREMAN
crew foreman
foreman contractor
harvest foreman
PICKING-MACHINE FEEDER
PICK-UP HAY-BALER OPERATOR
PICK-UP HAY-CHOPPER OPERATOR
PICK-UP MAN
PIGEON FANCIER
pigeon raiser
PINEAPPLE - HARVESTER OPERATOR
PITCHER
PLANT DIGGER
PLANTER
PLANTER OPERATOR
PLANTER OPERATOR, VEGETABLE
PLANT GRADER
PLANT PACKER
PLANT PULLER
PLANT WRAPPER
PLUM PACKER
POINT MAN
POST CUTTER
POTATO-DIGGER OPERATOR
POTATO - DIGGING - MACHINE OPERATOR
POTATO FARMER
POTATO GRADER
POTATO PICKER
POTATO SORTER
POTATO SORTER AND PICKER
POTTING MAN
POULTRY BREEDER
chick culturist
POULTRY DEBEAKER
debeaker
POULTRY DRESSER
POULTRY DRESSER (agric.; slaught. & meat pack.)
tipper
POULTRY FEEDER
POULTRY-FIELD MAN
POULTRY INSEMINATOR
artificial-insemination technician
POULTRYMAN, EGG
chicken farmer, egg
poultry farmer, egg
poultryman
POULTRYMAN, MEAT
chicken farmer
chicken farmer, meat
farmer, poultry
poultry farmer, meat
poultryman
poultry raiser
POULTRYMAN, TECHNICAL ADVISOR
field advisor
serviceman, poultry
POULTRY PACKER
POULTRY TECHNICIAN
POULTRY TENDER
POULTRY VACCINATOR
PRESSMAN, BROOMCORN
PRESS OPERATOR I
PRUNE KNOCKER
PRUNE PICKER
PULLER AND TOPPER, SUGAR BEET
QUAIL FARMER
QUEEN PRODUCER
RABBIT BREEDER
rabbit fancier
rabbit raiser
RABBIT HUNTER
RACKER, BRIGHT LEAF
RAKING-MACHINE OPERATOR
RANCH COUPLE
RANCHER
ranchero
ranchman
RANCH HAND
RASPBERRY GROWER
RASPBERRY PICKER
RAT BREEDER
RATTLESNAKE FARMER
REAPER
REP
REPTILE FARMER
RETURNER
RICE FARMER
RING FACER
RING PACKER
ROLLER OPERATOR
ROOT-AND-BULB PLANTER, HAND
ROOT PLANTER
ROPER
monkey-tail puller
ROSE GROWER
ROW BOSS, PICKING
ROW BOSS, THINNING
ROW IRRIGATOR, PORTHOLE
ROW IRRIGATOR, SIPHON

Row Marker
Runner, Apple Packing
Sacker, Hops
Sacker, Potato
Sack Tender
Sanitation Man
Sap Collector
Scoop-Machine Picker
Scout
pest-control worker
Seasonal Worker
Seed-Cleaner Operator
seed cleaner
seed-cleaning-machine operator
Seed Cutter
cutter
potato-seed cutter
Seed Grower
seedman
Seed Packer
Seed Sorter
Segregator
Segundo
Sewer, Head
Shake Man
Shaking-Machine Operator
Sharecropper
cropper
share farmer
Shed Worker
Sheep Herder
herder
herdsman
mutton puncher
sheepman
shepherd
Sheep Rancher
sheep farmer
Sheep-Ranch Foreman
Sheep Shearer
sheep clipper
stock clipper
wool shearer
Shepherd I
Shocker
Silo Filler
Smudger
Sod Layer
Sorter, Agricultural Produce
sorter, food products
Spike-Tooth-Harrow Operator
Spooner, Spinach
Sprayer
chemical applicator
duster operator
machine duster, speed sprayer
Spray Foreman
Sprayer, Hand
Spring-Tooth-Harrow Operator
Sprout Cutter
Stalk Cutter, Machine
Stallion Keeper
Stock Raiser
stock-farm operator
stock grower
stockman
stock rancher
Stock-Ranch Foreman
Strawberry Grower
Strawberry Picker
Stripper, Burley Leaf
Stripper, Flue Cured
Subsoiler Operator
Suction-Machine Picker
Suction Man
Sugar-Beet Blocker
Sugar-Beet Farmer
Sugar-Beet-Harvester Operator
Sugar-Beet Topper
Sugarcane-Harvester Operator
Sugarcane Planter
Sugar Tapper
maple-sugar maker
Sulfurer, Grapevines
Superintendent
Superintendent, Production
grove superintendent
manager, production
production boss
production foreman
Swather Operator
Swingman
Teamster
Thinner
Third-Cropper
Thresher
separator man
threshing-machine operator
Thresher Hand, Broomcorn
Tile Digger
Tobacco Baler
Tobacco-Combine Operator
Tobacco Curer
Tobacco Cutter, Burley
Tobacco Grader
grader
regrader
stripper
tobacco sizer
tobacco sorter
Tobacco Grower
tobacco farmer
tobacco planter
tobacco raiser
Tobacco Hanger
Tobacco-Harvesting-Machine Operator
Tobacco Houser
Tobacco Packer
Tobacco Picker
Tobacco Primer
Tobacco Sewer, Hand
Tobacco Sewer, Machine
Tobacco Sorter, Flue Cured
Tobacco Sprayer
Tobacco Stringer
Tobacco Suckerer
Tobacco-Tying-Machine Feeder
Tobacco-Tying-Machine Off-Bearer
Tobacco-Tying-Machine Operator
Tomato Picker
Top Cutter
Topper Packer
Top Screw
lead rider
ramrod
top waddy
Tote Man
Tracer
pedigree tracer
Tractor Operator
Tractor Operator, Crawler
Tractor Operator, Field-and-Row Crops
Tractor Operator, Four-Wheel-Drive
Trail Cutter
Trail Man
Transplanter
Transplanter, Hand
Transplanter, Machine
Trap Nester
Trasher, Mushroom
Trash Picker
Tree Budder
Tree Girdler
Tree Planter
Tree Pruner
pruner
tree trimmer
Tree Remover
Tree Sprayer
Tree Surgeon
tree doctor
tree skinner
Tree-Surgeon Helper I
Tree Wrapper
Truck Farmer
Tung-Nut Grower
Turkey-Egg-Washing-Machine Operator
Turkey Herder
Turkey Raiser
Turn-Out Man
Vegetable Buncher
Vegetable Grower
garden farmer
market gardener
Vegetable Sorter
Vegetable Sprayer
Vegetable Thinner
Vegetable Topper
Vine-Beater Operator
Vine Picker
Viner, Hand
Viner Mechanic
Viner Operator
Viner Operator, Stationary
Vine Shaker, Potato
Vine Turner
Walnut Grower
Walnut Knocker
Walnut Shaker
Washer, Agricultural Produce
dumper
washer operator
washing-machine operator
Washer, Food Products
Washing-and-Waxing-Machine Operator
Water Boy
Watering Man, Mushroom
Watermelon Cutter
Watermelon-Harvesting Foreman
Watermelon Inspector
Watermelon Pruner
Watermelon Stacker
Weaver
Weed Inspector
Weight Taker
weight man
Wheat Grower
Windrower Operator
Winnowing - Machine Operator
Wool-Fleece Grader
fleece grader
Wool-Fleece Sorter
Wool Sacker
tromper
wool tamper
Wool Shearer, Contract
Wool Tier
Worm-Farm Laborer
worm-bed attendant
worm raiser
Worm Grower
fish-worm grower
Worm Packer
worm sorter
Worm Picker
fish-bait picker
Wrangler
Yard Foreman, Cotton Gin
Yardman I
Yardman II
Zanjero
ditch tender

agric. equip.—Agricultural Equipment Industry: This industry covers occupations in the manufacture of implements and equipment used either exclusively or to a large extent on farms. Typical of the products included in the industry are barn and barnyard equipment, cultivators, harrows, harvesting machinery, listers, planting and fertilizing machinery, plows, rollers, tractors, and weeders. The manufacture of agricultural handtools is included in the Cutlery and Tools Industry (cut. tools).

Assembly Foreman
Assembly Inspector I
Assembly-Inspector Helper
Assembly Repairman
assembly mechanic
Bench Assembler
subassembler
Blade Balancer
Case Assembler
gear fitter
Combine Inspector
Inspection Foreman
Inspector and Tester
mechanical inspector tester
Inspector, Shipping
inspector, finished machines and bundles
Major-Assembly Inspector
assembly inspector
finished-goods inspector
Motor Assembler
Motor-assembly Foreman
Progressive Assembler and Fitter
main-line assembler
parts makeup man
tractor assembler
Reel-Blade-Bender Furnaceman
Reel Fabricator
Test Technician
Treadmill Inspector

aircraft mfg.—Aircraft Manufacturing Industry: This industry covers the manufacture of complete aircraft, both heavier-than-air and lighter-than-air, including gliders, balloons, and nose-cone re-entry vehicles and the manufacture of parts for aircraft, such as aircraft engines, propellers, propeller blades, and pontoons. The manufacture of solid-propellant missile motors is included in the Ordnance and Accessories (N.E.C.) Industry (ordnance).

Adhesive-Spreader Operator
Aerodynamist
aerodynamicist
Aerodynamist—Con.
aerodynamics engineer
aerophysics engineer
Aircraft-and-Engine Mechanic
a and e mechanic
aircraft mechanic
airframe-and-power-plant mechanic
airplane mechanic
Aircraft-and-Engine-Mechanic Apprentice
airplane-mechanic apprentice
Aircraft-and-Engine-Mechanic Helper
airplane-mechanic helper
Aircraft Designer
airplane designer
design engineer, aeronautical
master-lay-out man
Aircraft-Engine Dismantler
Aircraft-Engine Mechanic, Overhaul
Aircraft Mechanic, Armament
armament assembler
armament installer
Aircraft Mechanic, Electrical and Radio
Aircraft Mechanic, Heat and Vent
heating-and-ventilation-installation assembler
ventilating-and-heating-installation assembler
Aircraft Mechanic, Plumbing and Hydraulics
assembler, aircraft, plumbing and hydraulics
pipeman
research-test mechanic, hydraulic
tubing-installation assembler
Aircraft Mechanic, Rigging and Controls
airplane rigger
assembler, aircraft, rigging and controls
Airplane Woodworker
assembler
assemblyman
bench assembler
major assembler
Assembler, Aircraft Power Plant
aircraft assembler, power plant
engine-installation assembler
Assembler, Aircraft, Structures and Surfaces
Assembler, Electrical Wire Group
bench assembler, electrical
electrical assembler
precision-electrical assembler
wire former
Assembler, Electro-Mechanical
Assembler-Installer Apprentice, General
final-assemblyman apprentice
Assembler-Installer, General
final assemblyman
Assembler, Metal Bonding
Assembler, Rocket Engines
Assembler, Subassembly
detail assembler
metal fabricator
subassembly assembler
Assembler, Welded Ducts
Assembly Mechanic, Experimental Aircraft
assembler-and-fabricator, research
Automotive-Parts Man
Bench Mechanic, Steel-Weld
bench assembler, machined parts
detail man
fitting man
metal fitter
subassembly assembler
weld-set-up mechanic
Blanket-Machine Operator
Bumper Operator
hammer operator
planishing-hammer operator
pneumatic-hammer operator
power hammerman
power-hammer operator
sheet-metal finisher
sheet-metal smoother
skin bumper
smoother
smoothing-hammer operator
trip-hammer operator
Burnisher and Bumper
aircraft skin burnisher
bumper and burnisher
dinger
dingman
Cabin Pressurizer
Cable-Load Tester
Cable Stretcher
cable stretcher and tester
Cable Swager
cable assembler
swaging-machine operator
swedging-machine operator
Canopy Assembler
Center-Section Assembler
Cerrobend-Die Caster
Cloth-and-Leather Cutter
Control-Surface Coverer
Core-Saw Operator
Corrugating-Machine Operator
Cost-Analysis Engineer
Cutter, Fabrics and Materials
cutter
Designer and Template Maker, Coverings
Developer Prover, Mechanical
Dope-and-Fabric Man
airplane coverer
doper
fabric worker
spray man
Dynamic-Etching Processor
chem-mill processor
etcher, aircraft

aircraft mfg.—continued

ELECTRICAL AND RADIO MOCK-UP MAN
developer-prover, electrical
electrical-and-electronics development mechanic
ELECTRICAL-EQUIPMENT TESTER
inspector, precision and electrical assemblies
tester, electrical accessories
ELECTRICAL INSPECTOR
assembly inspector, electrical
electrical-system tester
final-electrical tester
ELECTRICAL REPAIRMAN
electrical assembler
ELECTRICIAN, AIRPLANE
assembler, aircraft, electrical and radio
electrical-and-radio assemblyman
electrical wireman
electrician, aircraft
ELECTRICIAN, FIELD SERVICE
ELECTRICIAN, RESEARCH
electrician, experimental aircraft
ENCAPSULATOR
molder, resin
ENGINEER, CONTROLS
ENGINEERING CHECKER
checker
drawing checker
engineering drawings checker
ENGINEERING CLERK
checker
ENGINEERING DESIGNER, AIRCRAFT STRUCTURES
designer
draftsman
engineering designer
engineer, layout
engineer, structures
ENGINEERING DEVELOPMENT TECHNICIAN
ENGINEER, STANDARDS AND ANALYSIS
ENGINE INSTALLATION INSPECTOR
ENGINE TESTER
EQUIPMENT-AND-ACCESSORIES ASSEMBLER
aircraft inventory checker
final assembler, equipment and accessories
flyaway clerk
EQUIPMENT-INVENTORY CLERK
record clerk
shop clerk
EXPERIMENTAL-AIRCRAFT MECHANIC
mechanic, experimental aircraft
EXPERIMENTAL MECHANIC I
research mechanic
EXPERIMENTAL MECHANIC II
experimental aircraft and engine mechanic, field and hangar
mechanic, master, engineering research
EXPERIMENTAL-ROCKET-SLED MECHANIC
FABRIC WORKER
balloon-envelope repairman
FIBER WORKER
FIELD-SERVICE ENGINEER
service engineer
FIELD-SERVICE REPRESENTATIVE
FIN ASSEMBLER
FLIGHT ANALYST
test engineer
FLIGHT-TEST-DATA TRANSCRIBER
FLIGHT-TEST SHOP MECHANIC
experimental aircraft and engine electrician, field and hangar
test-structures mechanic
FLUOROSCOPE OPERATOR
FOREMAN, AIRCRAFT MAINTENANCE
FOREMAN, PRODUCTION DEPARTMENT
FORM BUILDER
bench-machinist, jigs-and-fixtures
jig-and-fixture builder
FUEL CELL SEALER
FUEL-SYSTEM TESTER
FUSELAGE COVERER
FUSELAGE PRESSURIZATION MECHANIC
HELPER, MANUFACTURING
general helper
HONEYCOMB-BLANKET MAKER
honeycomb-paper fabricator
metal-honeycomb processor
HYDRAULIC TESTER
functional-test mechanic
hydraulic - equipment tester
hydraulic-field-service mechanic
hydraulic inspector
hydraulic - preflight - service mechanic
hydraulic serviceman
hydraulic specialist
hydraulic - system checker
INSPECTOR, AIRCRAFT ACCESSORIES
INSPECTOR, ASSEMBLIES AND INSTALLATIONS
INSPECTOR, ELECTRONIC INSTRUMENTS
INSPECTOR, EXPERIMENTAL
INSPECTOR, FABRICATION
INSPECTOR, FINAL ASSEMBLY
INSPECTOR, HAMMERS AND PRESSES
INSPECTOR, MATERIAL TEST
INSPECTOR, OIL FILTERS
INSPECTOR, PLATING AND ANODIZING
INSPECTOR, PREFLIGHT, RADIO AND ELECTRICAL
INSPECTOR, SUBASSEMBLY
INSPECTOR, SURFACE PROCESSING
finishing - and - processing inspector
inspector, processing
INSTALLER, FUEL-BAY LINING
fuel - bay - lining mechanic
INSTRUMENT INSPECTOR
inspector, instruments
INSTRUMENT MAN
INSTRUMENT-MAN HELPER
INSTRUMENT-PANEL ASSEMBLER
bench assembler, electrical
instrument - installation man
INSULATION-BLANKET MAKER
blanket maker
Thompsoglass assembler
INTEGRAL TANK-SEAL-AND-REPAIRMAN
ISOFORM MIXER
LIAISON MAN, TOOL FABRICATION
tool-project man
LOAD-TEST MECHANIC
proof-load test coordinator
LOFTSMAN
linesman
mold loftsman
MATERIAL DISPOSITION ANALYST
MATERIAL PLANNER I
material biller
MATERIAL SCHEDULER
material planner
material-release analyst
material - requirements man
MECHANIC, AIRCRAFT ACCESSORIES
mechanic, accessory-rework-and-repair
MECHANIC, FIELD - AND - SERVICE
engine-service man
MECHANIC, FLOWMETER TEST AND CERTIFICATION
METAL - BONDING - ADHESIVE CRIB ATTENDANT
glue mixer
METAL - BONDING PRESS OPERATOR
platen operator, metal bond
MISSILE-CONTROL PILOT
MISSILE-TEST ENGINEER
MOCK-UP MAN
mock-up assembler
mock-up builder
MODEL MAKER I
MODEL MAKER, ROCKET
MOLDER, PUNCH
molder
molder, closed molds
punch molder
OUTSIDE-PRODUCTION INSPECTOR
inspector, outside production
OVERHAUL PLANNER
OXYGEN-SYSTEM TESTER
PAINTER, AIRCRAFT
PAINTER, INSIGNIA
PAINT STOCKMAN
PANEL-LAY-UP MAN
PATTERNMAKER APPRENTICE, PLASTER
model-maker apprentice, plaster
plaster-pattern-caster apprentice
PATTERNMAKER, PLASTER
model maker
plaster-pattern caster
PLASTER-PATTERN CASTER
patternmaker, plaster
plaster man
PLASTICS BENCH MECHANIC
thermoplastic fabricator
PLASTICS FABRICATOR
PLEXIGLAS FORMER
PLEXIGLAS REPAIRMAN
PNEUMATIC TESTER AND MECHANIC
assembler, test technician, valves
overhaul mechanic, pneumatic valves
tester, pneumatic
PNEUMATIC-TUBE FITTER
PRECISION ASSEMBLER
electromechanical assembler, precision
PRECISION ASSEMBLER, BENCH
aircraft mechanic, precision assembly
assembler, aircraft, precision assembly
assembler, precision bench
bench assembler, hydraulics
hydraulic-installation assembler
precision assembler, hydraulics
PRESS OPERATOR
PRESSURE SEALER-AND-TESTER
sealer, aircraft
PRIMER SPRAYER
PROCUREMENT INSPECTOR
inspector, receiving
PROPELLANT LOADER
PROPELLER LAY-OUT MAN
PROPULSION-SYSTEMS-DESIGN ENGINEER
PURCHASING ENGINEER
equipment engineer
procurement engineer
RADIO-AND-ELECTRICAL INSPECTOR
RADIO MECHANIC, AIRCRAFT INSTALLATIONS
airplane-radio tester
radio and electrical mechanic
radio-equipment installer
radio - maintenance man
radio - maintenance repairman
radio repairman
radio-testing man
RADIO STATION OPERATOR
radio operator, ground
RESEARCH ENGINEER, AERONAUTICAL
RESEARCH MECHANIC I
laboratory test mechanic
test analyst, aircraft
RIB BUILDER
RIB STITCHER
RIVETER, AIRCRAFT
ROCKET-ENGINE-COMPONENT MECHANIC
ROCKET-ENGINE MECHANIC
ROCKET-ENGINE MECHANIC, LIQUID
ROCKET-ENGINE MECHANIC, SOLID
ROCKET-ENGINE-TEST ENGINEER
ROUTER OPERATOR
ROUTER OPERATOR, PORTABLE
ROUTER OPERATOR, RADIAL
SAFETY-GLASS INSTALLER
glassworker
safety-glass expert
safety-glass worker
SALVAGE INSPECTOR
material disposition man
processed-stock inspector
rework man
salvage man
salvage mechanic
SAW OPERATOR
SHIFT FOREMAN, INSPECTION
SHIPPING CHECKER
aircraft-delivery checker
SHIPPING PROCESSOR
wrapper and preserver
SKIN MAN
aircraft-metal worker
assemblyman
fuselage-covering fitter
skin fitter
skinner
specialist, sheet metal
SKIN MAN, WOOD
SOUNDPROOFING CUTTER
SPAR BUILDER
STABILIZER ASSEMBLER
STANDARDS - LABORATORY TECHNICIAN
STRESS ANALYST, AIRCRAFT
aircraft-structural engineer
stress engineer
SUPERCHARGER MECHANIC
supercharger serviceman
SUPERCHARGER - REPAIRMAN FOREMAN
SUPERVISOR, INSPECTION
inspector, chief
SUPERVISOR, VENDOR QUALITY
chief, vendor quality
TEMPLATE MAKER, AIRCRAFT
TEMPLATE-STORAGE CLERK
TEST ENGINEER, AIRCRAFT
flight-test engineer
TESTER, GENERAL AIRCRAFT MATERIALS
analyst, production development
research-and-static-test mechanic
test analyst, aircraft
TESTER, PLUMBING SYSTEMS
mechanic, general functional test
TEST PILOT
THERMODYNAMICS ENGINEER
TOOL-DRAWING CHECKER
checker
TOOLING COORDINATOR, PRODUCTION ENGINEERING
TRIM-AND-COVER INSPECTOR
TUBING OILER
UNDERCOAT SPRAYER
UPHOLSTERER
assembler, aircraft, upholstery
UPHOLSTERY-AND-TRIM INSPECTOR
UPHOLSTERY CUTTER
VANE-STRIP INSTALLER
tabvane installer
VENEER LAYER
WEIGHT ANALYST
engineering-weight computer
engineer weightmaster
mathematician
weights-control engineer
weights engineer
WEIGHT ANALYST, AIRCRAFT
WELDED-PARTS INSPECTOR
WIND-TUNNEL-MAINTENANCE MAN
wind-tunnel mechanic
WIND-TUNNEL-MODEL-DESIGN ENGINEER
WIND-TUNNEL TEST ENGINEER
WING ASSEMBLER
WING COVERER
WIREWORKER
airplane-cable-mechanic
cable splicer, aircraft
WOOD-TOOL MAKER

air trans.—AIR TRANSPORTATION INDUSTRY: Included in this industry are occupations involved in the operation, maintenance, and repair of transport aircraft, the executive control and commercial promotional work of an air transportation system, and the operation of airports.

AIRCRAFT-AIR-CONDITIONING-TRUCK OPERATOR
ramp serviceman
AIRCRAFT-AND-ENGINE MECHANIC
a and e mechanic
aircraft mechanic
airframe-and-powerplant mechanic
airplane mechanic
AIRCRAFT-AND-ENGINE-MECHANIC APPRENTICE
airplane-mechanic apprentice
AIRCRAFT-AND-ENGINE-MECHANIC HELPER
airplane-mechanic helper
AIRCRAFT-AND-ENGINE MECHANIC, LINE SERVICE
aircraft mechanic, engine change
engine-service mechanic
AIRCRAFT-ENGINE ASSEMBLER
AIRCRAFT-ENGINE-CYLINDER MECHANIC
AIRCRAFT-ENGINE DISMANTLER
AIRCRAFT-ENGINE INSTALLER
AIRCRAFT-ENGINE MECHANIC
AIRCRAFT-ENGINE MECHANIC, OVERHAUL
AIRCRAFT-LOG CLERK
aircraft-inspection-record clerk
aircraft-time clerk
AIRLINE PILOT
AIRLINE-RADIO OPERATOR
AIRLINE-RADIO OPERATOR, CHIEF
senior radio operator
watch supervisor
AIRPLANE CAPTAIN
AIRPLANE CLEANER

AIRPLANE-DISPATCH CLERK
aircraft dispatcher
assistant dispatcher
chief clerk, operations
dispatch clerk
flight dispatcher
operations clerk
traffic clerk
AIRPLANE FIRST-OFFICER
AIRPLANE INSPECTOR
airplane-and-engine inspector
AIRPLANE PILOT, COMMERCIAL
commercial pilot
pilot
AIRPLANE STEWARD
AIRPLANE STEWARDESS
airline hostess
airline stewardess
airplane hostess
hostess
stewardess
AIRPLANE STEWARDESS, CHIEF
airline stewardess, chief
chief stewardess
AIRPORT CLERK
AIRPORT ELECTRICIAN
AIRPORT-MAINTENANCE CHIEF
superintendent, maintenance, airports
AIRPORT SERVICEMAN
airport attendant
CABIN-SERVICE AGENT
CALLER
broadcast attendant
CARBURETOR MAN
carburetion mechanic
carburetor repairman
CARGO AGENT
air-freight agent
CHECK PILOT
CHIEF PILOT
airplane pilot, chief
COPILOT
CORPORATE PILOT
CREW SCHEDULER
CREW SCHEDULER, CHIEF
DISPATCHER
airplane dispatcher
DOCK HAND
DOPE-AND-FABRIC MAN
doper
fabric worker
spray man
ELECTRICIAN, AIRPLANE
ELECTRICIAN FOREMAN, AIRPLANE
ENGINE TESTER
EQUIPMENT-SERVICE SUPERVISOR
lead fueler
FIRE FIGHTER, CRASH
FLIGHT-CREW-TIME CLERK
FLIGHT ENGINEER
flight mechanic
FLIGHT-INFORMATION EXPEDITER
FLIGHT STEWARD, CHIEF
FOREMAN, AIRCRAFT CLEANING
FOREMAN, AIRCRAFT MAINTENANCE
FUEL-SYSTEM-MAINTENANCE FOREMAN
FUEL-SYSTEM-MAINTENANCE MAN
gas-pitman
gas-pit specialist
HELICOPTER PILOT
HYDRAULIC TESTER
functional-test mechanic
HYDRAULIC TESTER—Con.
hydraulic-equipment tester
hydraulic-field-service mechanic
hydraulic inspector
hydraulic-preflight-service mechanic
hydraulic serviceman
hydraulic specialist
hydraulic-system checker
IGNITION SPECIALIST
ignition repairman
INSTRUCTOR, PILOT
INSTRUMENT MAN
INSTRUMENT-MAN HELPER
LABORER, AIRPORT MAINTENANCE
LINEMAN
equipment serviceman
fueler
LINEWOMAN
LOAD-CONTROL AGENT
load planner
MANAGER, OPERATIONS
operations manager
MANAGER, STATION
passenger service representative
transportation agent supervisor
MANAGER, TRAFFIC
manager, schedules and contracts
MASTER RIGGER
NAVIGATOR
aerial navigator
airplane navigator
PAINTER, AIRCRAFT
PARACHUTE RIGGER
parachute packer
PASSENGER-TRAFFIC AGENT
PLOTTING-BOARD OPERATOR
PORTER
porter, baggage
redcap
RADIO-AND-ELECTRICAL INSPECTOR
RADIO CHIEF
RADIO, MECHANIC, AIRCRAFT INSTALLATIONS
airplane-radio tester
radio and electrical mechanic
radio-equipment installer
radio-maintenance man
radio-maintenance repairman
radio repairman
radio-testing man
RESERVATIONS AGENT
telephone-sales agent
SCHEDULE ANALYST
manager, schedules
SKIN MAN
aircraft-metal worker
assemblyman
fuselage-covering fitter
skin fitter
skinner
specialist, sheet metal
SKYCAP
SPRAY MAN
SUPERCHARGER MECHANIC
supercharger serviceman
SUPERINTENDENT, AIRPORT
director, airport
manager, airport
SUPERINTENDENT, DIVISION
SUPERINTENDENT, MAINTENANCE
SUPERINTENDENT, STATIONS
SUPERVISOR, TICKET SALES
lead ticket-sales agent
senior passenger agent
senior ticket-sales agent
TEST PILOT
TRAFFIC-RATE CLERK
tariff clerk
TRANSPORTATION AGENT
departure clerk
operations agent
passenger agent
ramp serviceman
station agent
TRANSPORT PILOT
TRIP FOLLOWER
flight follower
WEATHER CLERK

ammunition—AMMUNITION AND RELATED PRODUCTS INDUSTRY: This industry includes occupations in the manufacture of ammunition for small arms, and in the manufacture and loading of ammunition for naval, aircraft, antiaircraft, tank, and coast and field artillery. The manufacture of explosives is included in the EXPLOSIVES INDUSTRY (explosives)

AMMUNITION FOREMAN
ammunition storekeeper
ammunition supplyman
magazine foreman
AMMUNITION-LOADING FOREMAN I
AMMUNITION-PROOF TECHNICIAN
AMMUNITION-PROOF TECHNICIAN, CHIEF
ANVIL-SEATING-PRESS OPERATOR
primer assembler
primer-press operator
ASSEMBLER
BAG LOADER
BANDING-MACHINE OPERATOR
BANDOLEER PACKER
BANDOLEER STRAIGHTENER-STAMPER
BARREL-TUMBLER LEADER
wash-barrel leader
BASE-DRAW OPERATOR
BASE-WAD OPERATOR-ADJUSTER
BELT-AND-LINK-ASSEMBLER FOREMAN
belt-and-link-shop foreman
BENCH HAND
BLASTING-CAP ASSEMBLER
electric-blasting-cap assembler
BOMB LOADER
BOOSTER ASSEMBLER
BOOSTER INSPECTOR
BUCKSHOT-SWAGE OPERATOR
BULLET-ASSEMBLY-PRESS OPERATOR
BULLET-CASTING OPERATOR
BULLET-GROOVING-SIZING-AND-LUBRICATING-MACHINE OPERATOR
BULLET-LUBRICANT MIXER
BULLET-LUBRICATING-MACHINE OPERATOR
machine pack-shaker lubricator
BULLET-SLUG-CASTING-MACHINE OPERATOR
machine-casting operator and adjuster
BURNING-PLANT OPERATOR
CANNELURE-TURNING-MACHINE ADJUSTER
CASE-FINISHING-MACHINE ADJUSTER
CENTERLESS-GRINDING-MACHINE ADJUSTER
CHAMFERING-MACHINE OPERATOR I
CHAMFERING-MACHINE OPERATOR II
CHECK WEIGHER
CHEMICAL WORKER
explosives mixer
CHEST-PAINTING AND SEALING FOREMAN
chest-painting leader
CHRONOGRAPH OPERATOR
ballistics tester
CLIP-LOADING-MACHINE ADJUSTER
CLIP-LOADING-MACHINE FEEDER
CLOTH PRINTER
CONVEYOR MAN
CORE LOADER
CUP-TRIMMING-MACHINE OPERATOR
CUT-AND-PRINT-MACHINE OPERATOR
CUT-OFF-MACHINE OPERATOR I
DEHYDRATING-PRESS OPERATOR
DETONATOR ASSEMBLER
DIP-LUBE OPERATOR
DRIER OPERATOR
dry-house attendant
DROP TESTER
DRY-HOUSE MAN
ELECTRIC-HAND-TRANSPORTER OPERATOR
jeep-truck operator
EMBOSSING-MACHINE OPERATOR
EMBOSSING TOOLSETTER
EXPLOSIVE OPERATOR I
EXPLOSIVE OPERATOR II
EXPLOSIVE OPERATOR, BOMB
EXPLOSIVE-OPERATOR FOREMAN
EXPLOSIVE OPERATOR, FUSE
EXPLOSIVE OPERATOR, GRENADE
EXPLOSIVES-TRUCK DRIVER
EXTRUDING-PRESS OPERATOR
FELT CUTTER
FILLING-AND-CRIMPING-MACHINE TENDER
shot-tube-machine tender
FOILING-MACHINE ADJUSTER
FOILING-MACHINE OPERATOR
FURNACE-AND-WASH-EQUIPMENT OPERATOR
continuous-washer operator
FUSE ASSEMBLER
FUSE-CUP EXPANDER
GAGE-AND-WEIGH-MACHINE ADJUSTER
GAGE-AND-WEIGH-MACHINE OPERATOR
GAGING-MACHINE OPERATOR
GLAZING OPERATOR, BLACK POWDER
GUNSMITH, BALLISTICS LABORATORY
HALF-HEAD AND STAMP-PRESS OPERATOR
HEAD-GAGE-UNIT OPERATOR
HOPPER MAN
HYDRAULIC-PRESS SERVICEMAN
IGNITER CAPPER
INSPECTING-MACHINE ADJUSTER
INSPECTION FOREMAN
INSPECTOR I
INSPECTOR II
INSPECTOR III
INSPECTOR IV
INSPECTOR, BULLET-SLUGS
INSPECTOR, CHIEF
INSPECTOR, FIREARMS
INSPECTOR, SALVAGE
cartridge gager
salvage-machine operator
INSPECTOR, SHELLS
IRON-PLASTIC BULLET MAKER
KNURLING-MACHINE OPERATOR
LABORER, AMMUNITION ASSEMBLY I
LABORER, AMMUNITION ASSEMBLY II
LACQUER-PIN-PRESS OPERATOR
LEAD HANDLER
LEAD-SECTION FOREMAN
LOADING-MACHINE ADJUSTER
cartridge-assembling-machine adjuster
LOADING-MACHINE OPERATOR I
cartridge-loading operator
LOADING-MACHINE TOOL SETTER
LOADING-UNIT OPERATOR
LOADING-UNIT OPERATOR, CRIMPING
LOADING-UNIT OPERATOR, POWDER CHARGING
LOADING-UNIT OPERATOR, SEATING
LOADING-UNIT TOOL SETTER
LUBRICATING-MACHINE TENDER
MACHINE-ADJUSTER LEADER
adjuster leader
leader
MACHINE-ADJUSTER LEADER, BULLET ASSEMBLY
MACHINE-ADJUSTER LEADER, CANNELURE AND FINISH
MACHINE-ADJUSTER, LEADER, CASE TRIM
MACHINE-ADJUSTER, LEADER, PRIMER ASSEMBLY
MACHINE-PACK ASSEMBLER
MANUAL-PLATE FILLER
MERCURY-CRACKING TESTER
MOLDER, LEAD INGOT
MUNITIONS HANDLER
MUNITIONS-HANDLER FOREMAN
ORDNANCE ENGINEER
ordnanceman, inspection
ORDNANCE ENGINEER, MUNITIONS
OVEN TENDER
PACKING-MACHINE ADJUSTER
PELLET-PRESS OPERATOR
POACHER OPERATOR
pulp-screen operator
POWDER AND PRIMER-CANNING LEADER
primer and powder-canning leader
POWDER BLENDER AND POURER
powder canning man
POWDER-FARM ATTENDANT
POWDER-FARM HELPER
POWDERMAN
POWDER-TRUCK DRIVER
POWDER TRUCKER
PRESSURE-TEST OPERATOR
PRIMER ASSEMBLER I
PRIMER BOXER
PRIMER CHARGER
cup filler
PRIMER-CHARGING TOOL SETTER
PRIMER-DRYHOUSE MAN
primer expeditor and drier
PRIMER FOREMAN
PRIMER-INSERTING-MACHINE ADJUSTER
primer press set-up man
PRIMER-INSERTING-MACHINE OPERATOR
heading-and-priming operator
priming-machine operator
PRIMER INSPECTOR
PRIMER-POWDER BLENDER, DRY
dry mixer
PRIMER-POWDER BLENDER, WET
wet mixer
PRIMER-WATERPROOFING-MACHINE ADJUSTER
lacquer-press adjuster
PRIMER-WATERPROOFING-MACHINE OPERATOR
lacquer-machine feeder
PRIMING-MIXTURE CARRIER
PRIMING-POWDER-PREMIX BLENDER
PROCESS CHECKER
inspector, materials and processes
PROOF DIRECTOR
PROOF DIRECTOR, BOMB
PROOF TECHNICIAN
control shooter
laboratory technician
PROOF TECHNICIAN, BOMB
PROOF-TECHNICIAN HELPER
laboratory-mechanic helper
PROPELLANT-CHARGE LOADER
PROPELLANT-CHARGE-LOADING FOREMAN
PROPELLANT-CHARGE-ZONE ASSEMBLER
PULVERIZING-AND-SIFTING OPERATOR
PYROTECHNIC-LOADING FOREMAN
ammunition-loading foreman

ammunition—continued

RENOVATION-PLANT FOREMAN
RIM-FIRE-PRIMING OPERATOR
rim-fire charger operator
RIM-FIRE-PRIMING TOOL SETTER
SALVAGE GIRL
SALVAGE-MACHINE OPERATOR I
SALVAGE MAN
SALVAGE-POWDER BLENDER
SANDBLAST OPERATOR
SCREW-EYE ASSEMBLER
SCREW-MACHINE ADJUSTER, AUTOMATIC
SHADOWGRAPH-SCALE OPERATOR
SHAKER-PLATE OPERATOR
loading-unit plate filler
plate filler
SHELLACKER
SHELL ASSEMBLER
SHELL-SHOP FOREMAN
SHELL-SIEVE OPERATOR
chip separator
SHOT BAGGER
shot packer
volumetric weigher
SHOT DROPPER
SHOT-GRINDER OPERATOR
SHOTGUN-SHELL-ASSEMBLY-MACHINE ADJUSTER
assembly-machine tool setter
heading-and-priming tool setter
SHOTGUN-SHELL-ASSEMBLY-MACHINE OPERATOR
SHOTGUN-SHELL-LOADING-MACHINE OPERATOR
loading-machine operator
SHOTGUN-SHELL-REPRINTING-UNIT OPERATOR
shell-reprint operator
SHOT POLISHER AND INSPECTOR
SIZING-MACHINE OPERATOR
SLURRY MIXER
SPACE-AND-STORAGE CLERK
STEEL-SHOT-HEADER OPERATOR
STRAIGHT-LINE-PRESS SET-UP MAN
assembly-machine tool setter
tracer-bullet assembly-machine tool setter
SUPERINTENDENT, MAGAZINE AREA
SWAGING-MACHINE ADJUSTER
bullet-swaging-machine adjuster
swage tool setter
SWAGING-MACHINE OPERATOR
bullet-swaging-machine operator
forming-machine operator
TAPPER, HAND
THERMITE-BOMB LOADER
THREADING-MACHINE OPERATOR
TRACER-BULLET-CHARGING-MACHINE OPERATOR
TRACER-BULLET-SECTION FOREMAN
TRACER-POWDER BLENDER
TRIM-MACHINE ADJUSTER
shell-trim tool setter
TRIM-MACHINE OPERATOR
cut-off machine operator
shell-trim operator
trim and bury operator
TUBE SIZER-AND-CUTTER OPERATOR
VARNISHING-UNIT OPERATOR
VARNISHING-UNIT TOOL SETTER
WAD-BLANKING-PRESS ADJUSTER
wad-blanking tool setter
WAD-COMPRESSOR OPERATOR-ADJUSTER
compressor operator-adjuster
WAD IMPREGNATOR
WAD LUBRICATOR
bar-gager and lubricator tender
WAD-PRINTING-MACHINE OPERATOR
WINDING-LATHE OPERATOR

amuse. & rec.—AMUSEMENT AND RECREATION Covered by this designation are occupations concerned with provision of amusement and recreation facilities, and presentation of commercial entertainment in the flesh, in motion pictures, and in broadcasting. Included are jobs concerned with the presentation of shows and athletic contests, the preparation of facilities for such entertainment, and the training and conditioning of persons and animals taking part in such entertainment. Professional entertaining jobs in all branches of the industry are included, but nonentertaining jobs in the production of motion pictures and radio and television broadcasts are included in the MOTION PICTURE INDUSTRY (motion pic.) and the RADIO AND TELEVISION BROADCASTING INDUSTRY (radio & tv broad.). Jobs of a personal service character that typically occur in establishments primarily engaged in supplying amusement and recreation are also included.

ACCOMPANIST
ACROBAT
tumbler
ACROBATIC DANCER
ACROBATIC RIGGER
rigger
ACTOR
ACTRESS
ADVANCE MAN
advance agent
AERIALIST
trapeze artist
trapeze performer
ALLEYMAN
ANIMAL IMPERSONATOR
ANIMAL KEEPER
animal caretaker
ANIMAL, KEEPER—Con.
menagerie caretaker
zoo caretaker
ANIMAL KEEPER, HEAD
keeper, head
superintendent, menagerie
ANIMAL MAN, HEAD
head, ring stock
ANNOUNCER
public-address announcer
AQUARIST
aquarium tankman
tank attendant
tankman
ARTIST AND REPERTOIRE MAN
ASTROLOGER
ATHLETE
ATHLETIC TRAINER
AUTO-DODGE-'EM OPERATOR
AUTOMOBILE RACER
AUTO-SPEEDWAY OPERATOR
BALLET DANCER
BALLROOM DANCER
BANDSMAN
BAREBACK RIDER
BARKER I
doorman
footman
BARKER II
ballyhoo man
contact man
spieler
BARNSTORMER
BASEBALL PLAYER
BASEBALL SCOUT
BASEBALL TRAINER
BASKETBALL PLAYER
BASKETBALL SCOUT
BAT BOY
BEAR KEEPER
BELL RINGER
BELLY DANCER
BET TAKER
BICYCLE RACER
BICYCLE-STAND ATTENDANT
BILLARD PLAYER
BIRD KEEPER
BIT PLAYER
BLUES SINGER
BOARDMAN II
BOAT-DOCK OPERATOR
boat liveryman
BOAT-TANK MAN
boat attendant
BODY-MAKE-UP WOMAN
BOOKING AGENT
booker
BOOKMAKER
gambler, horse racing
BOOSTER
BOWLING INSTRUCTOR
BOXER
BOXING TRAINER
BUSINESS AGENT
manager, business
personal manager
CABANA BOY
CADDIE
golf caddie
CADDIE MASTER
CALLIOPE PLAYER
CAMERA GIRL
CARD PLAYER
public-relations player
proposition player
CARD READER
CARDROOM ATTENDANT
chip girl
houseman
CARPENTER, STAGE
CASHIER, BOX OFFICE
CASHIER, GAMBLING
CAT KEEPER
CHANGE-BOOTH MAN
cashier, change booth
CHARACTER ACTOR
CHARACTER ACTRESS
CHARTER-BOAT OPERATOR
CHECKER
spotter
CHILDREN'S MATRON
CHOREOGRAPHER
director, dance
CHORUS DANCER
CIRCUS AGENT
CIRCUS-CONTRACTING AGENT
agent
CIRCUS FOREMAN
canvasman boss
CIRCUS LABORER
houseman
CIRCUS PERFORMER
CIRCUS TRAINMASTER
trainmaster
CLERK-OF-SCALES
CLOCKER
CLOWN
CLUBHOUSE BOY
COACH, PROFESSIONAL ATHLETES
coach
COLORMAN
COMEDIAN
comic
COMEDY DIVER
CONCERT SINGER
classical singer
CONCESSIONAIRE
concessioner
CONCESSION ATTENDANT
game operator
CONTORTIONIST
CRYSTAL GAZER
CUSTODIAN, ATHLETIC EQUIPMENT
manager, equipment
DANCER
DEER KEEPER
DESKMAN, BOWLING FLOOR
floorman
DETECTIVE, BOWLING ALLEY
DIRECTOR, CHORAL
chorus master
DIRECTOR, HOBBY SHOP
recreation leader, arts and crafts
DIRECTOR, STAGE
DIVER
DOG TRAINER
DOUBLE
DRAMATIC READER
monologist
DRESSER
DRIVE-IN THEATER ATTENDANT
field man
DRUMMER
DUDE WRANGLER
ELECTRICIAN, STAGE
electrician, backstage
electrician, theater
ELEPHANT KEEPER
ELEPHANT TRAINER
ENTERTAINER
performer
theatrical performer
EQUESTRIAN
EXERCISER, HORSE
exercise boy
EXPLOITATION MAN
FAN-MAIL CLERK
FEATURED PLAYER
FEMALE IMPERSONATOR
FERRIS-WHEEL OPERATOR
FINISH JUDGE
FIRE EATER
FIREMAN, STAGE
inspector, public assemblage
FLOORMAN I
bouncer
house detective
houseman
FLOORMAN II
FLOORMAN, DANCE HALL
FLYING-TURNS OPERATOR
FLYMAN
loftman
FOLK SINGER
FOOTBALL PLAYER
FOOTBALL SCOUT
FOOTBALL TRAINER
FORTUNE TELLER
clairvoyant
soothsayer
FREAK
monstrosity
FUN-HOUSE ATTENDANT
FUN-HOUSE OPERATOR
walk-through-show operator
GAMBLING DEALER
GATEMAN
GOAL UMPIRE
GOLF-COURSE RANGER
golf-course patrolman
park patrolman
GOLF-COURSE STARTER
GOLF-PROFESSIONAL
golfer
golf pro
golf supervisor
GOLF-RANGE ATTENDANT
GOSPEL SINGER
GRAPHOLOGIST
GRIP
scene shifter
GROUNDS KEEPER, SPORTS
HARPIST
HIGH-RIGGING MAN
high-ladder man
set-up man
HOCKEY PLAYER
HORSEMAN
HORSE-RACE STARTER
starter
HORSE-RACE TIMER
HORSE TRAINER I
racehorse trainer
HORSE TRAINER II
HOSTESS
HOSTESS, HEAD
HUMAN PROJECTILE
HUNTING AND FISHING GUIDE
guide, hunting and fishing
fishing and hunting guide
HUNTSMAN
professional huntsman
HYPNOTIST
ICE GUARD, SKATING RINK
ICEMAN, SKATING RINK
ice maker
IDENTIFIER, HORSE
IMPERSONATOR
imitator
IMPRESARIO
INGENUE
INSTRUCTOR, BATON TWIRLING
coach, baton twirling
INSTRUCTOR, ICE SKATING
INTERPRETATIVE DANCER
JAI ALAI PLAYER
JOCKEY
JOCKEY-ROOM CUSTODIAN
JOCKEY VALET
JUGGLER
JUVENILE
KENNEL MASTER
LAMP OPERATOR
LEADING LADY
LEADING MAN
LEAD-PONY BOY
LIFEGUARD
LINEMAN
LION TRAINER
LOBBY MAN
MAGICIAN
MAKE-UP MAN
make-up artist
MALE IMPERSONATOR
MAMMAL KEEPER
MANAGER, ATHELETE
MANAGER, ATHLETIC TEAM
coach, head
MANAGER, BOXER
MANAGER, CARDROOM
MANAGER, DANCE FLOOR
MANAGER, FISH AND GAME CLUB
MANAGER, GOLF CLUB
MANAGER, GUN CLUB
manager, range
range master
MANAGER, ICE-SKATING RINK
MANAGER, MUTUEL DEPARTMENT
MANAGER, RECREATION ESTABLISHMENT
MANAGER, ROLLER-SKATING RINK
MANAGER, SKATING RINK
MANAGER, STAGE
MANAGER, THEATER
manager, house
MANAGER, THEATRICAL PRODUCTION
manager, road
manager, touring
MANAGER, WINTER SPORTS
MANAGER, WRESTLER
MARINE-MAMMAL HANDLER
trainer
MARINE-MAMMAL TRAINER
trainer, senior
MASTER OF CEREMONIES
MERMAID
MERRY-GO-ROUND OPERATOR
MIME
pantomimist
MIMIC
MIND READER
mental telepathist
MINSTREL
MONEY COUNTER
money-room man
MONEY-ROOM MAN, HEAD
MONKEY KEEPER
MOTION-PICTURE PROJECTIONIST
cinematographer
projectionist
theater projectionist
MUSICAL ENTERTAINER
MUSICIAN, INSTRUMENTAL
instrumentalist
OPERA SINGER
ORGAN GRINDER
ORGANIST
PADDOCK JUDGE
PALMIST
PARACHUTIST
PARIMUTUEL-TICKET CASHIER
mutuel cashier
parimutuel cashier
PARIMUTUEL-TICKET SELLER
mutuel clerk
parimutuel clerk
PARK WATCHMAN
PATROL JUDGE

PHOTOGRAPHER, FINISH
photo-finish photographer
PHOTOGRAPHIC DOUBLE
PHRENOLOGIST
PHYSIOGNOMIST
PIANIST
PIN BOY
alley boy
pin setter
PLACING JUDGE
PLASTIC-CARD GRADER, CARDROOM
card grader
PLATING INSPECTOR
PLAY BROKER
PLAYER-MANAGER
PONY-RIDE OPERATOR
POOL PLAYER
POPULAR SINGER
character singer
PRESS-BOX CUSTODIAN
PRESTIDIGITATOR
sleight-of-hand artist
PRODUCER
PROFESSIONAL
PROMPTER
PROPERTY MAN
prop man
stage-property man
stage-prop man
PROP MAKER
PUPPETEER
marionette man
RACING SECRETARY AND HANDICAPPER
RACKER
ball racker
houseman
poolroom attendant
table attendant
RAILROAD OPERATOR
RECEIVING-BARN CUSTODIAN
RECITALIST
RECREATION-FACILITY ATTENDANT
REPTILE KEEPER
RIDE ATTENDANT
starter
RIDE FOREMAN
RIDE OPERATOR
amusement-equipment operator
RIDING DOUBLE
RING MASTER
RODEO PERFORMER
ROLLER-COASTER OPERATOR
SALESMAN, DANCING INSTRUCTIONS
SCOREBOARD OPERATOR
scoreboard boy
SCOUT, PROFESSIONAL SPORTS
SECOND
SECOND-RIDE-FARE COLLECTOR
SEER
SHAKE DANCER
SHEET WRITER I
SHEET WRITER II
boardman
gambling broker
racing-board marker
wallman
SHILL
SHOOTING-GALLERY OPERATOR
SHOW GIRL
SHOW-HORSE DRIVER
SHOWMAN
SIGHT-EFFECTS MAN
electrician, master
SINGER
SKATER
SKATER, ROLLER DERBY
SKATE-SHOP MAN
SKIER
SKI INSTRUCTOR
SKI PATROLMAN
SKI-TOW OPERATOR
ski-lift operator
SNAKE CHARMER
SONG AND DANCE MAN
SOUND MAN
SOUND-TRUCK OPERATOR
SPARRING PARTNER
SPEEDBOAT OPERATOR
SPOTLIGHT OPERATOR
electrician-front
SPOT MAN
STAGE CLEARER
STAGE-DOOR MAN
STAGE HAND
STAGE-SCENERY DESIGNER
scenic designer
theatrical-scenic designer
STAR
STEWARD-AT-START
STEWARD, PRESIDING
STEWARD, RACETRACK
STEWARD, STATE
STRIP-TEASE ARTIST
exotic dancer
stripper
strip-teaser
STUNT MAN
STUNT WOMAN
SULKY DRIVER
harness racer
SUPERINTENDENT, CIRCUS
manager, general
SUPERINTENDENT, GREENS
SUPERVISOR, CARDROOM
floorman
SWING-RIDE OPERATOR
TAP DANCER
TEA-LEAF READER
TENNIS-COURT ATTENDANT
TENNIS PLAYER
THEATRICAL MAN
THRILL PERFORMER
TICKET BROKER
treasurer
TICKET COUNTER
TICKET-DISPENSER MAN
TICKET TAKER
doorman
TILT-A-WHIRL OPERATOR
TRAIN OPERATOR
TURNSTILE ATTENDANT
TWENTY-SIX GIRL
dice girl
UMPIRE
backfield judge
field captain
judge
lady paramount
USHER
USHER, HEAD
service chief
usher chief
VAUDEVILLE PERFORMER
VENDOR
hustler
peddler
VENTRILOQUIST
VIOLINIST
VOCAL SOLOIST
WARDROBE ATTENDANT
WARDROBE MISTRESS
WATCHMAN, RACETRACK
WEIGHT GUESSER
WHARF ATTENDANT
boat-ride operator
dock attendant
WHIP OPERATOR
WILD-ANIMAL TRAINER
WINDJAMMER
WIRE WALKER
high-wire artist
tight-rope walker
WRESTLER
ZOO-COMMISSARY MAN
ZOO STOREKEEPER

any ind.—ANY INDUSTRY: This designation covers occupations that are not allocated to other classifications. The principal groups of jobs included under this designation are: (1) occupations that characteristically occur in practically all industries; (2) occupations that occur in a number of industries (which number is not exactly determinable) but that do not characteristically occur in most industries; and (3) occupations that are not considered to have any particular industrial attachment. The occupations included under this designation are considered to be essentially the same wherever they occur, in that they involve the same fundamental functions, and are performed for the same general purpose wherever they exist. Familiarity with a given job in one industry, however, may not permit a worker to transfer to the same job in another industry without some training period to acquaint him with the processes, terminology, hazards, or other factors in the industry to which he is being transferred that would affect the occupation in question in that industry.

Many occupations that occur in various industries, and could logically fall within this group as defined above, are allocated to such classifications as CLERICAL AND KINDRED OCCUPATIONS (clerical); FOUNDRY (found.); MACHINE SHOP (mach. shop); PROFESSIONAL AND KINDRED OCCUPATIONS (profess. & kin.); WOODWORKING (woodworking); all of which embrace occupations that cut across industrial lines.

ACCORDION REPAIRMAN
ACCORDION TUNER
ACCOUNTING-MACHINE SERVICEMAN
ACID-CONCENTRATION-PLANT-EQUIPMENT ENGINEER
ADDING-MACHINE SERVICEMAN
ADHESIVE COMPOUNDER
ADMINISTRATIVE ASSISTANT
administrative analyst
administrative officer
ADMINISTRATIVE SECRETARY
executive secretary
ADMINISTRATOR, CONTRACT AND ORDER
contract administrator
AEROSOL-LINE OPERATOR
AIR-COMPRESSOR OPERATOR
compression man
compressor engineer
compressor operator
AIR-COMPRESSOR OPERATOR, STATIONARY
AIR-COMPRESSOR-STATION ENGINEER
AIR-CONDITIONING INSTALLER, DOMESTIC
air-conditioning-window-box installer
AIR-CONDITIONING MECHANIC, COMMERCIAL
plumber-pipe-fitter, air-conditioning
AIR-CONDITIONING MECHANIC, DOMESTIC
air-conditioning-window box serviceman
AIR-CONDITIONING-MECHANIC HELPER, COMMERCIAL
heating-and-air-conditioning-mechanic helper
AIR-CONDITIONING-MECHANIC HELPER, DOMESTIC
air-conditioning-window-box-serviceman helper
AIR-CONDITIONING-MECHANIC HELPER, INDUSTRIAL
AIR-CONDITIONING MECHANIC, INDUSTRIAL
AIRCRAFT-PHOTOGRAPHIC-EQUIPMENT MAINTENANCE MAN
AIR-PRESS OPERATOR
pneumatic-press operator
AIR-PRESSURE TEST OPERATOR
ALARM INVESTIGATOR
arm guard
investigator operator
ALLIGATOR-SHEAR OPERATOR
ALTERATION WOMAN
ANGLEDOZER OPERATOR
ANGLE-ROLL OPERATOR
ANGLE-SHEAR OPERATOR
ANIMAL WEIGHER
ANODIZER
white-metal corrosion proofer
ANTENNA INSTALLER
APPLIANCE REPAIRMAN
APPRAISER
APPRENTICE
ARBOR-PRESS OPERATOR I
floor-press operator
ARBOR-PRESS OPERATOR II
ARCHERY-EQUIPMENT REPAIRMAN
ARMATURE BANDER
rotor and armature bander
ARMATURE VARNISHER
ARMATURE-WINDER HELPER, REPAIR
ARMATURE WINDER, REPAIR
armature repairman
ASSEMBLER, PRODUCTION
ASSEMBLER, SMALL PARTS
bench assembler
ASSEMBLER, SMALL PRODUCTS
ASSEMBLY FOREMAN
ASSEMBLY-PRESS OPERATOR
bench-press operator
ASSISTANT
foreman assistant
junior
ATTENDANT, TRAVELING DISPLAY
AUDIO-VIDEO REPAIRMAN
audiovisual-aids technician
AUTOMATIC-BEADING-LATHE OPERATOR
AUTOMOBILE-BODY-REPAIRMAN HELPER, METAL
AUTOMOBILE RADIOMAN
AUTOMOTIVE-MAINTENANCE-EQUIPMENT SERVICEMAN
automotive-maintenance-equipment repairman
equipment-service engineer
pump-and-tank man
AXMAN, SURVEYING
AX SHARPENER
BACKFILLER OPERATOR
BACK-HOE OPERATOR
BAGGAGE CHECKER
BAGGER
BAG WASHER
BALANCING-MACHINE OPERATOR
balancer, dynamic
dynamic balancer
BALANCING-MACHINE SET-UP MAN
dynamic-balancer set-up man
BALING-MACHINE OPERATOR
baler operator
baling-press operator
press operator
scrap baler
scrap-room man
tie-out man
tie puller
waste baler
BALL-MILL OPERATOR
BANBURY-MIXER OPERATOR
millman, Banbury
plasticator
BANBURY-MIXER-OPERATOR HELPER
BAND-SAW FILER
BAND TACKER
BARBER-TOOL SHARPENER
BARN BOSS
corral man
hostler
lot man
stable manager
BARREL FILLER, HEAD
BARREL WASHER, MACHINE
BAR-STRAIGHTENING-MACHINE OPERATOR
BAR TACKER
BASS-VIOL REPAIRMAN
BASTING-MACHINE OPERATOR
BATTERY REPAIRMAN
battery-maintenance man
batteryman
battery tester
chargeman
electrician, storage battery
storage-battery charger
BEADING-MACHINE OPERATOR I
beader operator
BEADING-MACHINE OPERATOR II
BED MAKER
BEER-COIL CLEANER
BELTMAN
belt fixer
belt repairman
strap man
BENCH GRINDER
BENDING-MACHINE OPERATOR I
BENDING-MACHINE OPERATOR II
BENDING-MACHINE-OPERATOR HELPER
BENEFITS-AND-SERVICE-RECORDS SUPERVISOR
director, compensation and insurance
employee-service supervisor
insurance-and-pension administrator
manager, personnel services
service-records-and-benefits supervisor
BICYCLE REPAIRMAN
bicycle mechanic
cycle repairman
BILLPOSTER
sniper
BINDER II
binder operator
binder sewer
binding-machine operator
binding sewer
taper
tape stitcher
taping-sewing-machine operator
BITUMINOUS ENAMELER
bitumastic applier
bitumastic dauber
painter, bitumastic
BLASTER
chargeman
firer
powderman
shooter
shot fireman
BLASTER HELPER
powder carrier
powderman helper
shooter's helper
BLISTER-PACKING-MACHINE TENDER
BLUEPRINTING-AND-PHOTOCOPY SUPERVISOR
BLUEPRINTING-MACHINE OPERATOR
ammonia-print operator
blueline operator
diazotype operator
whiteprinting-machine operator
BLUEPRINT TRIMMER
blueprint assembler
cutter
trimmer
BOBBIN CLEANER, HAND
bobbin stripper
cone separator
quill cleaner, hand
quill skinner
spool cleaner, hand
BOILER CLEANER
BOILERHOUSE INSPECTOR
boiler cleaner, chief
BOILERHOUSE REPAIRMAN
boiler mechanic
heating-equipment repairer
station mechanic
BOILERMAKER HELPER, MAINTENANCE

any ind.—continued

Boiler Operator II
boilerhouse operator
boiler room board man
control-room operator
fireman, boiler
steam-power-plant operator
Boiler-Repair Foreman
Boiler-Room Helper
boiler-operator helper
oiler
powerhouse oiler
Boilershop Foreman
Boiler-Tube Blower
Boiler-Tube Reamer
Bonderite Operator
Book Repairer
binder
book mender
Bottle-Packing-Machine Cleaner
Bottle Washer, Machine
Bottling Foreman
Bow Maker
Bow Maker, Gift Wrapping
Bow Rehairer
Bow Repairman
Box-Branding-Machine Operator
box brander
box burner
box-burner operator
Box Maker, Cardboard
Box Maker, Paperboard
Box Maker, Wood
Box Printer
box-press man
box-printing-machine operator
printer man
printing-machine operator
wood printer
Box Repairer
Box-Sealing-Machine Catcher
Box-Sealing-Machine Feeder
Box Wrapper
Brakeman
brake holder
car rider
conductor
coupler
dukey rider
gang rider
motorman helper
nipper
patcher
rider
rope conductor
rope rider
set rider
snapper
swamper
switchman
tail-end rider
trailer
train conductor
trainman
trip rider
tub rider
Brakeman, Dinkey
Brake Operator I
power-brake operator
press-brake operator
Brake Operator II
press-brake operator
Brake Operator, Heavy Duty
Brake-Operator Helper
Brake Operator, Sheet Metal I
power-brake operator
Brake Operator, Sheet Metal II
Brake-Set-Up Man
Brass Polisher
Brass-Wind-Instrument Repairman
Bricklayer, Firebrick
firebox man
firebrick layer
furnace insulator
furnace mason
oven insulator
Bricklayer Helper, Refractory Brick
brickmason helper
kiln-repairman helper
Bricklayer, Maintenance
Bricklayer, Refractory Brick
brickmason, kiln repair
industrial-furnace repairman
kiln repairman
Bridge-Crane Man, Hand
Brusher
Bucker-Up
rivet bucker
Buffer I
color buffer
Buffer II
Buffer, Chrome
Buffer, Copper
Buffer, Nickel
Buffing-and-Polishing-Wheel Repairman
buff-wheel fabricator
disk recoater
glueman
polishing-wheel repairman
Buffing-Line Set-Up Man
Buffing-Machine Operator
Buffing-Machine Tender
Building-Maintenance Supervisor, Electrical
Bulldozer Operator I
grader man
scraper man
Bulldozer Operator II
hydraulic-pressure bender
Bundler
Button-and-Buckle Maker
buckle-and-button maker
covered-button maker
Button-Attaching-Machine Operator
Buttonhole-Machine Operator
Buzzsaw Operator
buzzsaw man
Buzzsaw-Operator Helper
cordwood-cutter helper
Cabinet-Abrasive-Blast Man
Cableway Operator
Cage Operator
Calculating-Machine Serviceman
Caller, Industrial
Camera Repairman
Camp Attendant
bull cook
choreman
Camp Watchman
Can Foreman
Canvas-Cover Repairman
awing-and-tent repairman
canvas repairer
canvas worker
tent-and-awning repairman
Can Washer, Machine
Capping-Machine Operator
Car Cooper
car whacker
Cardboard Cutter
Carder
card assembler
carding-machine operator
Car Dumper
Car Loader
Carpenter, House
Carpenter Inspector
Carpenter, Maintenance
carpenter, repair
carpentry repairman
Carpenter, Mill
Carpenter, Office Building
Carpenter, Plant
Cart Driver
Carton-Forming-Machine Operator I
Carton-Forming-Machine Operator II
Carton-Gluing-Machine Operator
Carton Stapler
Carton Stenciler
Cash-Register Serviceman
cash-register repairman
Casting Finisher
Casting Repairman
Ceiling Cleaner
Cellophane Sheeter
Cellophane Wrapper, Machine
Cement Mason, Maintenance
Ceramic-Coater, Machine
ceramic plater
Chainman
surveyor assistant
surveyor helper
tapeman
Change-House Man
dry boss
dry janitor
dryman
wash-house man
Charwoman
cleaning girl
cleaning maid
cleaning woman
clean-up girl
clean-up woman
dust woman
janitress
maid
matron
portress
scrub girl
scrub woman
Charwoman, Head
floorwoman, building maintenance
Chauffeur
Checkroom Attendant
checkroom man
Checkroom Girl
Chemical Mixer
Chief Clerk
manager, general office
manager, general service
office supervisor
Chimney Sweep
chimney cleaner
cleaning operator
Chipper
Chisel Grinder
Christmas Character
Chrome Cleaner
Cigarette-Lighter Repairman
Cigarette-Carton Sealer
Circular-Knife Cutter
Circular-Saw Filer
Clamshell Operator
Clay Modeler
Cleaner II
Cleaner III
Cleaner and Polisher
Cleaner, Laboratory Equipment
clean-up man
equipment washer
laboratory aid
laboratory assistant
laboratory helper
laborer, laboratory
tester helper
utility man, laboratory
Clean-Up Man II
Clipper I
cut-off girl
link cutter
separator
string cutter
strip cutter
Clothes-Drier Repairman
Cloth Printer
printing-machine operator
Cloth Washer
Cloth Winder
cloth beamer
cloth-roll winder
rebeamer
reroller
roller
rolling-machine operator
sewing-and-rolling-machine operator
tuber
winding-machine operator
Coal-Conveyor Man
Coal Hauler
Coal Passer
Coal-Pulverizer Operator
coal-mill operator
crusher man
crusher operator
grinder operator
mill-house attendant
pulverizer operator
pulverizing-plant operator
pyrator operator
Coal-Substation Attendant
Coal-Yard Foreman
ash-and-coal foreman
coal-and-ash foreman
foreman, coal handling
millroom foreman
Coat Checker
Coater Operator
Coating-and-Baking Operator
Coat Presser
Coffee-Maker Serviceman
urn serviceman
Coil Shaper
coil spreader
Coil Winder, Repair
Coin-Vault Guard
Colorist, Photography
tinter, photograph
Color-Laboratory Technician
Color-Printer Operator
Color-Print Inspector
Commercial Decorator I
Commissary Man
concessionaire
manager, camp
steward
Commissary Woman
Communication Man
communication equipment man
electrician, telephone
maintenance mechanic, telephone
switchboard man
Commutator Repairman
Comparator Operator
shadowgraph operator
Compressed-Air Motorman
Compressor Operator, Portable
Cone Spooler
Console Operator
Container Filler
Container-Maker-Filler-Packer Operator
Container Washer, Machine
Controlled-Area Checker
Convertible-Power-Shovel Operator
Conveyor Beltman
Conveyor-Line Operator, Automatic
Conveyor Loader
Conveyor-Maintenance Man
Conveyor Operator
Conveyor Unloader
Convoy Guard
Cook
cook, mess
Cook, Camp
Cook, Institution
Coppersmith
Copy Cameraman
copy-camera operator
film operator
negative-process operator
print-shop photographer
Copyflex-Machine Operator
Copyist
Core-Drill Operator
shot-core-drill operator
test borer
test-hole driller
wash driller
Core-Drill-Operator Helper
drill-runner helper
shot-core-drill-operator helper
test-bore helper
wash-driller helper
Cornice Upholsterer
Crane-Crew Foreman
Crane Inspector
Crane Operator
crane engineer
Crater II
boxer
carpenter, packing
case maker
Crate Repairer
Crawler-Dragline Operator
Crawler-Tractor Operator
Creeler
tie-over girl
tying-in girl
warper creeler
Crew-Truck Driver
Crimping-Machine Operator
Crown-Assembly-Machine Operator
assembly-machine operator
cap-lining-machine operator
inserting-machine operator
inserting-press operator
lining-machine tender
spot-machine operator
Crusher Man I
crusher operator
roll attendant
primary-crusher operator
Cutter I
Cutter Apprentice, Hand
Cutter, Hand I
Cutter, Hand II
Cutter, Hand III
dinker
mallet-and-die cutter
Cutter, Hand IV
Cutter Helper
pull-off girl
Cutter, Machine I
cloth-cutting-machine operator
electric-knife operator
pattern cutter
Cutter, Machine II
shearer
straight cutter
Cutting-Machine Tender
Cutter Operator
cutterman
sheeter operator
Day Watchman
Decal Applier
applier
decalcomania transferrer
decal decorator
decal operator
decal transferrer
design transferrer
print applier
printer helper
Decontamination Man
Decorator I
commercial decorator
Decorator, Street and Building
Degreaser
Deliveryman II
Delivery-Truck Driver, Heavy
Demonstrator, Safe-Driving Equipment
Demolition-Crane Operator
Derrick-Boat Operator
barge-crane operator
deck engine operator
derrick-barge operator
floating-derrick operator
scow-derrick operator
Derrick Operator
Derrick Operator, Hand
Detective I
investigator

DETECTIVE II
DEVELOPER
darkroom man
doper
hand developer
photograph printer
DIAMOND DRILLER
DIAMOND-DRILLER HELPER
DIATHERMY-EQUIPMENT REPAIRMAN
DICTATING-TRANSCRIBING-MACHINE SERVICEMAN
DICTAPHONE SERVICEMAN
DICTATING-TRANSCRIBING-MACHINE SERVICEMAN, GROOVED TAPE
DICTATING-TRANSCRIBING-MACHINE SERVICEMAN, MAGNETIC TAPE
DIE CUTTER
beam-machine operator
clicker
clicker operator
clicking-machine operator
die-cutting-machine operator
dieing-out machine operator
die-press operator
drinking-machine operator
power-press operator
DIESEL-DINKEY OPERATOR
DIESEL-DRAGLINE OPERATOR
DIESEL-ENGINE MECHANIC, AUTOMOBILE
DIESEL-ENGINE MECHANIC, BUS
DIESEL-ENGINE MECHANIC, MARINE
DIESEL-ENGINE OPERATOR, STATIONARY
compressor operator
DIESEL-LOCOMOTIVE-CRANE OPERATOR
DIESEL MECHANIC
DIESEL-MECHANIC APPRENTICE
diesel-engine-mechanic apprentice
DIESEL-MECHANIC, CONSTRUCTION
DIESEL-MECHANIC, FARM
DIESEL-MECHANIC HELPER
DIESEL-POWER SHOVEL OPERATOR
DIESEL-TRACTOR OPERATOR
DIESEL-TRUCK-CRANE OPERATOR
DINGMAN
DINKEY-OPERATOR HELPER
DIPPER
dipman
dip painter
impregnator
DIPPER AND BAKER
impregnating-tank operator
DIRECT-MAIL SPECIALIST
manager, direct mail advertising
DIRECTOR, RESEARCH AND DEVELOPMENT
manager, product development
manager, research and development
manufacturing engineer, chief
DISHING-MACHINE OPERATOR
bumping-machine operator
DISHWASHER SET-UP MAN
DISHWASHING-MACHINE REPAIRMAN
DISPLAY MAN
DISTRICT LINEMAN
DIVER
submarine worker
DIVER HELPER
bellman
diver assistant
diver tender
life-line man
DOCK WATCHMAN
DOLL REPAIRMAN
DOOR-CLOSER MECHANIC
DOORMAN
carriage man
doorkeeper
footman
DOUBLE-BOTTOM DRIVER
DRAGLINE OPERATOR
dragline runner
dragline shovelman
DRAW-BENCH OPERATOR
DRAW-PRESS OPERATOR
DRAYMAN
DRESSMAKER
DRILLER, HAND I
jumper
DRILLER, HAND II
driller, portable
DRILLER HELPER
driller-operator helper
DRILLER, MACHINE
driller operator
DRIVEMATIC-MACHINE OPERATOR
DRUM STRAIGHTENER I
container repairman
de-denter
DRUM STRAIGHTENER II
DUMPER
bulk loader
rampman
DUMP OPERATOR
boxcar unloader
car-dumper operator
tipple man
DUMP-TRUCK DRIVER
DUMP-TRUCK DRIVER, OFF-HIGHWAY
driver, stripping operations
DUPLICATING-MACHINE SERVICEMAN
DUPLICATOR-PUNCH OPERATOR
DYER, MASTER
colorman
dye-house foreman
dyer, boss
dyer, foreman
formula man
superintendent, dyeing
vatman, head
DYE WEIGHER
chemical weigher
color-room man
color weigher
drug-room clerk
drug-room man
dye-chemist assistant
dye maker
dyer assistant
dyer, second
dyestuff weigher
laboratory-man assistant
second hand, dye house
DYE-WEIGHER HELPER
color-mixer helper
color-shop helper
DYNAMOTOR REPAIRMAN
EDIPHONE SERVICEMAN
EGG BREAKER
breaking-room girl
EGG CANDLER
EGG GRADER
EGG SMELLER
ELECTRICAL-APPLIANCE REPAIRMAN
appliance-service representative
small-appliance repairman
ELECTRICAL-APPLIANCE SERVICEMAN
appliance-service representative
electrical - appliances troubleman
electrical - household - appliance serviceman
service repairman
ELECTRICAL-APPLIANCE-SERVICEMAN APPRENTICE
major-appliance-serviceman apprentice, electrical
ELECTRICAL-APPLIANCE-SERVICEMAN FOREMAN
ELECTRICAL-APPLIANCE-SERVICEMAN HELPER
ELECTRICAL-APPLIANCE SET-UP MAN
uncrater
ELECTRICAL-FIXTURE MAN
fixture relamper
fluorescent lamp replacer
lamp boy
lamp-renewal boy
light-bulb replacer
ELECTRICAL-INSTRUMENT REPAIRMAN
instrument maker
instrument repairman
ELECTRICAL REPAIRMAN
electrician, maintenance
electrician, repair
trouble man, electrical
trouble shooter, electrical
wireman
ELECTRIC-BRIDGE-CRANE OPERATOR
ELECTRIC-BRIDGE-OR-GANTRY-CRANE OPERATOR
crane operator, cab
electric-overhead-crane operator
electric-traveling-crane operator
overhead-crane operator
traveling-crane operator
ELECTRIC-DRAGLINE OPERATOR
ELECTRIC-GANTRY-CRANE OPERATOR
ELECTRICIAN
wireman
ELECTRICIAN APPRENTICE
ELECTRICIAN, CRANE MAINTENANCE
ELECTRICIAN FOREMAN
electrician supervisor
foreman, electrician
ELECTRICIAN FOREMAN, MAINTENANCE
ELECTRICIAN HELPER
electrical-wireman helper
wireman helper
ELECTRICIAN, RADIO
radio-communications mechanician
ELECTRICIAN, RADIO—Con.
radio-maintenance repairman
radio mechanic
station-maintenance man
station mecbanic
transmitter repairman
ELECTRIC-LOCOMOTIVE-CRANE OPERATOR
ELECTRIC-MONORAIL-CRANE OPERATOR
monorail-crane operator
monorail operator
ELECTRIC-MOTOR ANALYST
tear-down man
ELECTRIC-MOTOR ASSEMBLER AND TESTER
motor assembler
ELECTRIC MOTORMAN
ELECTRIC-MOTOR-REPAIRING FOREMAN
ELECTRIC-MOTOR REPAIRMAN
electrician, electric-motor repair
electric-shop repairman
motor-generator repairman
ELECTRIC-ORGAN TECHNICIAN
electronic-organ technician
ELECTRIC-POWER SHOVEL OPERATOR
ELECTRIC-RANGE SERVICEMAN
ELECTRIC-RANGE SET-UP MAN
ELECTRIC-REFRIGERATOR SERVICEMAN
ELECTRIC-REFRIGERATOR SET-UP MAN
ELECTRIC-TOOL REPAIRMAN
power-tool repairman
ELECTRIC-TRUCK-CRANE OPERATOR
ELECTRIC-TRUCK OPERATOR
ELECTRIC-TRUCK REPAIRMAN
truck repairman
ELECTROCARDIOGRAPH REPAIRMAN
ELECTROLESS PLATER
ELECTROLYTIC DE-SCALER
ELECTROMAGNET-CRANE OPERATOR
ELECTROMEDICAL-EQUIPMENT REPAIRMAN
electromedical service engineer
ELECTRONICS MECHANIC
communication technician
electronics-equipment mechanic
electronics-maintenance man
electronics specialist
electronics-system mechanic
electronics technician
ELECTRONICS-MECHANIC APPRENTICE
electronics-technician apprentice
ELECTRONICS MECHANIC, COMPUTER
ELEVATOR EXAMINER-AND-ADJUSTER
elevator inspector
ELEVATOR OPERATOR
service-car operator
ELEVATOR OPERATOR, FREIGHT
elevator operator, service
gun operator
hoistman
service-car operator
vertical-lift man
ELEVATOR REPAIRMAN
electrician, elevator-maintenance
elevator mechanic
elevator-repair mechanic
maintenance mechanic, elevators
ELEVATOR-REPAIRMAN APPRENTICE
electrician apprentice, elevator maintenance
ELEVATOR-REPAIRMAN HELPER
ELEVATOR STARTER
elevator dispatcher
elevator supervisor
starter
EMBOSSER
calender man
embossing-calender operator
embossing-machine operator
roller embosser
EMBOSSING-PRESS OPERATOR
stamping-press operator
EMBOSSOGRAPH OPERATOR
EMBROIDERY-MACHINE OPERATOR
braiding-machine operator
cording-machine operator
embroiderer, machine
lettering girl
monogramist
monogram-machine operator
EMBROIDERY-MACHINE-OPERATOR HELPER
swiss-machine-operator helper
EMERY-WHEEL DRESSER
ENAMEL DIPPER
ENAMEL SPRAYER
ENGINEMAN
operating engineer
ENGINE-ROOM CLEANER
EQUIPMENT CLEANER, HAND
night cleaner
EQUIPMENT INSTALLER
ESCORT
EVAPORATIVE-COOLER INSTALLER
cooler serviceman
EVAPORATOR OPERATOR
EXCAVATOR
EXECUTIVE PILOT
corporation pilot
EXPERIMENTAL ASSEMBLER
EXTERMINATOR
pest-control man
vermin exterminator
EXTRACTOR OPERATOR
centrifugal-extractor operator
clothes wringer
drying-machine tender
drying-room man
extractor
rapid-extractor operator
whiz-machine operator
whizzer hand
EXTRACTOR OPERATOR—Continued
wizard-drier operator
wringer
EYELET-MACHINE OPERATOR
button bradder
button clamper
button riveter
eyelet maker
eyelet riveter
eyeletter
grommet-machine operator
grommet maker
FABRICATOR-ASSEMBLER, METAL PRODUCTS
frame maker
FABRICATOR, SPECIAL ITEMS
FASTENER ATTACHER
FASTENER-SEWING-MACHINE OPERATOR
button-sewing-machine operator
FIELD-COIL ENAMELER
FIELD-COIL WINDER
FIELD MAN
FIELD MECHANIC
FILLER
FILLING-LINE SET-UP MAN
line maintenance and set-up man
FILLING-MACHINE OPERATOR
FILM CUTTER I
chopper
photo-cutting machine operator
FILM LOADER
FILM NUMBERER
numberer
transferrer, number
FILTER OPERATOR
filterman
filter wheelman
sludge-filter operator
vacuum-filter operator
wheelman
FILTER-PRESS OPERATOR
filterer
filterman
pressman
press-slip operator
tile operator
FILTERATION HELPER
color-press operator
FINE-GRADE-BULLDOZER OPERATOR
FIRE-EQUIPMENT MAN
fire-equipment inspector
FIRE - EQUIPMENT - MAN HELPER
fire-and - safety - man helper
FIRE - EXTINGUISHER SERVICEMAN
repairman, fire extinguisher
FIRE FIGHTER
fireman
FIRE INSPECTOR
fireman, industrial
fire patrolman
fire watcher
FIREMAN, AUTOMATIC STOKER
FIREMAN, HIGH PRESSURE
boilerman
boiler operator
boiler tender
fireman
fireman, boiler
stoker
FIREMAN, INDUSTRIAL LOCOMOTIVE

any ind.—continued

FIREMAN, LOCOMOTIVE CRANE
FIREMAN, LOW PRESSURE
boiler operator
FIREMAN, PORTABLE BOILER
FIREMAN, POWERHOUSE
FIREMAN, STATIONARY BOILER
FIREMAN, STEAM SHOVEL
FIRE MARSHAL
fire chief
FIRST-AID ATTENDANT
nurse, first aid
FISHING-TACKLE REPAIRMAN
FITTER I
FITTER II
FITTER HELPER
plate-worker helper
welder-fitter helper
FITTER-TACKER
FIXTURE-MAINTENANCE MAN
copper-and-tank-fixture-maintenance man
FLANGING-ROLL OPERATOR
FLOAT BUILDER
FLOOR CLEANER
FLOOR MOPPER
FLOOR SCOURER
FLOOR SCRUBBER
FLOOR SWEEPER
FLOOR TENDER
FLOOR WAXER
FLUE CLEANER
FOIL CUTTER
FORELADY
FOREMAN
boss
chief
head
leader
manager
overlooker
overseer
principal
section chief
section leader
senior
supervisor
FOREMAN, LABOR GANG
boss
bull-gang foreman
field foreman
floating-labor-gang foreman
general-labor foreman
group supervisor, yard
labor foreman
overseer
yard-labor foreman
yard-labor supervisor
FOREMAN, LINE
machine foreman
FOREMAN, LINE, FITTING
fitting foreman
FOREMAN, LOADING
loading-crew foreman
FOREMAN, METAL FABRICATING
shop foreman
steel fabricating foreman
FOREMAN, METALIZING
FOREMAN, PAINT DEPARTMENT
FOREMAN, PHOTOSTAT
FOREMAN, SET-UP MAN
FOREMAN, UPHOLSTERY DEPARTMENT
FOREMAN, VACUUM METALIZING
FORK-LIFT-TRUCK OPERATOR
FORMER, HAND
FORMER HELPER, HAND
FORMING-MACHINE-OPERATOR HELPER
FORMING-PRESS OPERATOR
FORMING-ROLL OPERATOR I
FORMING-ROLL OPERATOR II
FORMING-ROLL OPERATOR, HEAVY DUTY
FOSTER-WINDER TENDER
FOUR-HOUSE HITCH DRIVER
FOUR-SLIDE-MACHINE OPERATOR I
slide-forming-machine operator
FOUR-SLIDE-MACHINE OPERATOR II
multi-slide-machine tender
slide-forming-machine tender
FOUR-SLIDE-MACHINE SET-UP MAN
slide-forming-machine set-up man
FRETTED-INSTRUMENT REPAIRMAN
FROZEN PIE MAKER
FUEL ATTENDANT
FUEL-INJECTION SERVICEMAN
FULL-ROLL INSPECTOR
FURNACE CLEANER
FURNACE INSTALLER-AND-REPAIRMAN HELPER, HOT AIR
furnace-repairman helper
FURNACE INSTALLER-AND-REPAIRMAN, HOT AIR
furnaceman
furnace repairman-and-installer, hot air
heating man
FURNITURE UPHOLSTERER
furniture repairman
upholsterer
upholstery repairman
FURNITURE-UPHOLSTERER APPRENTICE
furniture-repairman apprentice
upholsterer apprentice
GAS-APPLIANCE SERVICEMAN
appliance serviceman
customer serviceman
GAS-APPLIANCE-SERVICEMAN HELPER
customer-serviceman helper
gas-fitter helper
GAS-COMPRESSOR OPERATOR
gas-lift engineer
GAS-ENGINE OPERATOR
GAS-ENGINE OPERATOR, COMPRESSORS
GAS-ENGINE OPERATOR, GENERATORS
GASOLINE-DINKEY OPERATOR
GASOLINE-DRAGLINE OPERATOR
GASOLINE-ENGINE REPAIRMAN
small-engine mechanic
GASOLINE-LOCOMOTIVE-CRANE OPERATOR
GASOLINE-POWER-SHOVEL OPERATOR
GASOLINE-TRACTOR OPERATOR
GASOLINE-TRUCK-CRANE OPERATOR
GASOLINE-TRUCK OPERATOR
GAS-PRODUCER MAN
gas maker
gasman
gas-operator producer
gas-producing operator
producer man
GAS-REFRIGERATOR SERVICEMAN
GASSING-MACHINE TENDER
GAS-STOVE SERVICEMAN
GAS-STOVE-SERVICEMAN HELPER
GAS TREATER
GAS-WELDING-EQUIPMENT MECHANIC
apparatus-repair mechanic
GATEMAN
gatekeeper
gate tender
guard
plant-protection man
watchman, gate
GATE-SHEAR OPERATOR
GENERAL FOREMAN
department foreman
division foreman
manager, production department
process supervisor
production foreman
production supervisor
superintendent, division
GILDER I
gold charmer
gold-leaf gilder
metal-leaf gilder
metal-leaf layer
GILDER II
metal-leaf gilder
metal-leaf layer
GLASS CUTTER
cutter
pattern cutter
straight cutter
GLASS INSPECTOR
GLASS WASHER, LABORATORY
GLUE MIXER
GLUER II
GOLF-CLUB MAKER
GOLF-CLUB REPAIRMAN
GOLD-LEAF STAMPER
gold-leaf printer
gold marker
gold stamper
hot stamper
lettering-machine operator
stamping-press operator
GRAINER, MACHINE
GRASS CUTTER
GREENSKEEPER I
greenskeeper foreman
greenskeeper, head
GREENSKEEPER II
laborer, golf course
GRINDER I
GRINDER II
GRINDER III
GRINDER, BELT
GRINDER-CHIPPER I
grinder-dresser
portable grinder operator
GRINDER-CHIPPER II
grinder, rough
GRINDER, WHEEL OR DISK
GRINDING-WHEEL DRESSER
cutter-down
dresser man
grinding-wheel resurfacer
stone dresser
wheel dresser
GRIPPER ATTACHER
GROOVER
GROUNDS KEEPER
caretaker, grounds
gardener
yard laborer
GUARD I
armed guard
floorman
patrolman
special policeman
watchman
GUARD, CAPTAIN
GUARD, CHIEF
GUARD, LIEUTENANT
GUARD, SERGEANT
GUIDE, ESTABLISHMENT
guide, institution
GUIDE, FACTORY
guide, plant
GUITAR REPAIRMAN
GUNSMITH
gun repairman
HANDBILL PASSER
advertisement distributor
circular distributor
pamphlet distributor
HANDLE ATTACHER
HALL ATTENDANT
HAND STAMPER
HARP REPAIRMAN
HAT CHECKER
HAT-CHECK GIRL
HEARING-AID REPAIRMAN
HEATING-PLANT SUPERINTENDENT
chief engineer
HEAVY-DUTY-PRESS-OPERATOR HELPER
HEDGE-AND-SHRUB CUTTER
HELPER
HEMMER
plain-goods hemmer
HOBBING-PRESS OPERATOR
HOISTING ENGINEER
hoist engineer
hoisting engineman
hoisting-machine operator
hoist operator
power hoistman
powerman
HORSE-AND-WAGON DRIVER
HORSESHOER
blacksmith
farrier
shoer
HORSE TENDER
HOSE TENDER
HOST
receptionist
HOT-SEALING-MACHINE OPERATOR
HOUSEHOLD-APPLIANCE-INSTALLATION MAN
installation man
HOUSEHOLD-APPLIANCE REPAIRMAN
HOUSEHOLD-PRODUCTS TECHNICIAN
HOUSEMOTHER
cottage parent
HYDROSTATIC-TEST OPERATOR
ICE CRUSHER
IMPREGNATING-TANK OPERATOR I
coating-machine operator
insulating-machine operator
paint-coating-machine operator
sizing-machine operator
INCINERATOR MAN
INCLINED-RAILWAY OPERATOR
INDUSTRIAL-LOCOMOTIVE OPERATOR
INDUSTRIAL-ORDER BREAKDOWN CLERK
INDUSTRIAL-TRUCK OPERATOR
INDUSTRIAL-YARD BRAKEMAN
INSERTER, PROMOTIONAL ITEM
INSPECTOR-AND-REPAIRMAN, AIRCRAFT RADIOS
INSPECTOR, GENERAL
bench inspector
floor inspector
gager
INSPECTOR, METAL FABRICATING
plate-and-weld inspector
plate shop inspector
structural inspector
INSPECTOR-PACKAGER
INSTRUMENT FOREMAN
INSTRUMENT MAKER II
mechanical technician
parts mechanic
precision-instrument and tool maker
precision-mechanical-instrument maker
INSTRUMENT-MAKER APPRENTICE
precision-mechanical-instrument-maker apprentice
INSTRUMENT-MAKER HELPER
INSTRUMENT REPAIRMAN I
instrument-maintenance mechanic
instrument man
weights-and-measuring man
INSTRUMENT-REPAIRMAN FOREMAN
instrument-inspector foreman
INSTRUMENT-REPAIRMAN HELPER
instrument-man helper
shop repairman, instrument
INVESTIGATOR I
agent
personnel investigator
reference investigator
IRONWORKER HELPER, SHOP
IRONWORKER-MACHINE OPERATOR
universal-iron-working-machine operator
JANITOR I
superintendent, building
JAPANNER
JIB-CRANE OPERATOR
JUNIOR EXECUTIVE
junior executive trainee
KETTLEMAN
KEY CUTTER
key maker
keysmith
key worker
KICK-PRESS OPERATOR I
assembler, press operator
bench press operator
foot-press operator
toggle-press operator
KICK PRESS OPERATOR II
KINDERGARTNER
KNIFE GRINDER
LABELER, MACHINE
LABELING-MACHINE SET-UP MAN
LABORATORY CHIEF
laboratory foreman
laboratory manager
photographic-laboratory foreman
photographic-laboratory supervisor
LABORATORY MAN I
lab man
LABORATORY-SAMPLE CARRIER
messenger
raw sampler
sampleman
sampler
LABORATORY TESTER I
chemical analyst
chemist, assistant
laboratorian
laboratory man
laboratory sampler
research-laboratory technician
research technician
tester
LABORATORY TESTER II
quality-control tester
LABORER, GRINDING AND POLISHING
finisher
LABORER, HOISTING
crane follower
crane hooker
hitcher
hoist groundman
hooker
jackman
oiler
screwman
signalman
LABORER, SALVAGE
disposal man
salvage man
trash collector
waste collector
wasteman
LABORER, STORES
stock boy
warehouseman
LABORER, YARD
LACQUER SPRAYER
LAUNDRYMAN I
camp-laundry operator
company laundryman
LAUNDRYMAN II
LAUNDRYMAN III
LAWN-MOWER REPAIRMAN
LAY-OUT FOREMAN
LAY-OUT HELPER
LAY-OUT INSPECTOR
LAY-OUT MAN I
LAY-OUT MAN II
duplicator
lay-out maker
LAY-OUT MAN III
LEADMAN
group leader
leader
LEAF RAKER
LEARNER
LEATHER CUTTER

LIDDER
box fastener
box nailer
box tier
case nailer
crate lidder
crate nailer
crater
nailer
LIDDING-MACHINE OPERATOR
LIFT-SCOOP-TRACTOR OPERATOR
LIGHT CLEANER
LIGHTKEEPER, TRIANGULATION
signalman
LINEMAN
LINER SHEETER
LIPCOAT SPRAYER
LIQUID COMPOUNDER
LIVE-CAR CARETAKER
LIVESTOCK CARETAKER, YARD-OR-IN-TRANSIT
livestock handler
LIVESTOCK FEEDER
LOADER I
car filler
tank-car loader
truck loader
LOADER II
LOADER HELPER
LOCKSMITH
lock expert
LOCKSMITH APPRENTICE
LOCOMOTIVE-CRANE OPERATOR
railroad-crane operator
LOCOMOTIVE-CRANE-OPERATOR HELPER
LOCOMOTIVE ENGINEER, GASOLINE
LOCOMOTIVE-ENGINE FOREMAN
LONG-HAUL-SLEEPER DRIVER
LONG-LINE TEAMSTER
LUBRICATION-EQUIPMENT-MAINTENANCE MAN
LUBRICATION FOREMAN
LUGGAGE REPAIRMAN
hand-luggage repairman
LUMBER-SALVAGE MAN
LUNCH-ROOM ATTENDANT
MACHINE CLEANER
benchman
blow-off man
machine brusher
machine rubber
washerman
wiper
MACHINE FEEDER
MACHINE HELPER
MACHINE OPERATOR I
fabricating-machine operator
metal fabricator
MACHINE OPERATOR II
MACHINE - OPERATIONS FOREMAN
MACHINE - OPERATIONS INSPECTOR
MACHINE REPAIRMAN, MAINTENANCE
MACHINIST, CONSTRUCTION EQUIPMENT
MAGAZINE KEEPER
powderman
powder monkey
powder nipper
prill man
MAGNETO REPAIRMAN
MAID II
MAIL-TRUCK DRIVER
MAINTENANCE FOREMAN
building-and-grounds foreman
building foreman
building-maintenance supervisor, mechanical
foreman, maintenance
group supervisor, maintenance
MAINTENANCE MACHINIST
machine repairman
shop mechanic
MAINTENANCE MAN, BUILDING
building repairman
handyman, building
maintenance mechanic
MAINTENANCE MAN, FACTORY OR MILL
handyman, factory or mill
plant - maintenance man
utility repairman, factory or mill
MAINTENANCE - MAN HELPER, BUILDING
MAINTENANCE - MAN HELPER, FACTORY OR MILL
general - maintenance helper
MAINTENANCE MECHANIC II
fixer
machine adjuster
machine-maintenance man
machine overhauler
machine repairman
mechanical handyman
repair mechanic
tool - and - machine maintenance man
MAINTENANCE - MECHANIC FOREMAN
MAINTENANCE - MECHANIC HELPER
laborer, mechanical-handyman
machine-adjuster helper
mechanical - handyman helper
repair helper
MANAGER, ADVERTISING
sales, promotion director
superintendent, advertising
MANAGER, BRANCH
agent
manager, area
manager, division
manager, plant
MANAGER, CREDIT AND COLLECTION
accounts supervisor
credit man
manager, credit investigations
MANAGER, DISTRICT
MANAGER, EXPORT
MANAGER, FACILITATING SERVICES
MANAGER, INDUSTRIAL ORGANIZATION
general manager, industrial organization
manager, general
manager, plant
superintendent, industrial organization
MANAGER, INSURANCE
MANAGER, LOCAL
MANAGER, OFFICE
MANAGER, REGIONAL
MANAGER, RESEARCH
director, research
MANAGER, RESIDENT
MANAGER, SALES
MANAGER, SERVICE ESTABLISHMENT
superintendent, service establishment
MANAGER, TRAFFIC
MANAGER TRAINEE
staff assistant
MANAGER, WAREHOUSE
storekeeper
superintendent, storage area
superintendent, warehouse
MARBLE CLEANER
MARKER I
blocker-out
charter
lay marker
lay-out man
pattern marker
MARKER II
labeler
stamper
MASKER
body masker
hardware taper
layer-out and masker
paneler
paperhanger
revealer
shielder
taper
MASTER MECHANIC, MAINTENANCE
craft foreman
maintenance supervisor
MATERIAL COORDINATOR
coordinator
dispatcher
expediter
material checker
material man
stock chaser
MATERIAL HANDLER
conveyor feeder
distributor
floorman
loader and unloader
moveman
off-bearer
stacker
MATERIALS-HANDLING FOREMAN
foreman, materials-handling
stock foreman
traffic foreman
warehouseman
MATRON II
MATRON, FACTORY
MEAT-CUTTING-BLOCK REPAIRMAN
MECHANICAL-MAINTENANCE MAN
automobile-maintenance mechanic
master mechanic
service engineer
shop mechanic
MECHANICAL-MAINTENANCE-MAN FOREMAN
maintenance engineer, oil field
shop foreman
MECHANIC, INDUSTRIAL TRUCK
truck repairman
MERCHANDISE CARRIER
METAL BALER
METAL CLEANER, IMMERSION
acid dipper
acid man
cleaner
galvanizer
grease remover
neutralizer
pickler
pickling operator
pickling-tank operator
power washer
process treater
vatman
METAL-FABRICATING-SHOP HELPER
helper, steel fabrication
plate-shop helper
production helper
structural-shop helper
METAL FABRICATOR I
METAL-FABRICATOR APPRENTICE
ironworker apprentice, shop
structural-metal-fabricator apprentice
METAL FINISHER
METAL-FINISH INSPECTOR
METAL-FITTING CLEANER
METAL-HAIRPIN CARDER
METAL POLISHER
METAL-REED TUNER
METAL SORTER
METAL-SPINNING FOREMAN
METAL SPRAYER, CORROSION PREVENTION
metal sprayer, protective coating
METAL SPRAYER, CORROSION PREVENTION FIELD MAN
metalizer, field man
METAL SPRAYER, MACHINED PARTS
flame-spray operator
metalizer, machined parts
metal-spray operator
METAL SPRAYER, PRODUCTION
METAL-SPRAYING-MACHINE OPERATOR, AUTOMATIC I
metalizing-machine operator, automatic
flame-spraying-machine operator, automatic
METAL-SPRAYING-MACHINE OPERATOR, AUTOMATIC II
sprayer
METAL-SPRAYING-MACHINE OPERATOR, CRUCIBLE GUN
flame-spraying-machine operator, crucible gun
metalizing-machine operator, crucible gun
METEOROLOGICAL-EQUIPMENT REPAIRER
electronics technician
instrument repairman
METER REPAIRMAN
meterman
meter tester
METER-REPAIRMAN HELPER
METER SERVICEMAN
MICROFILM MOUNTER
MICROFILM TECHNICIAN
MILLER
MILL HAND
MILLMAN
MILL OPERATOR
MILL-OPERATOR HELPER
MILL OPERATOR, ROLLS
MILLWRIGHT
installation man
machine erector
maintenance mechanic
plant changer
MILLWRIGHT APPRENTICE
MILLWRIGHT FOREMAN
MILLWRIGHT HELPER
MIXING-MACHINE OPERATOR
compounder
mixer
process operator
MODEL, ARTISTS'
MODEL MAKER, SHEET METAL
MODEL MAKER, WOOD
MODEL, PHOTOGRAPHERS'
MOTORBOAT MECHANIC
boat mechanic
MOTORBOAT-MECHANIC HELPER
MOTORBOAT MECHANIC, INBOARD
MOTORBOAT MECHANIC, OUTBOARD
MOTORBOAT OPERATOR
MOTORCYCLE DRIVER, DELIVERY
MOTORMAN
dinkey operator
larry-car operator
trainman
trammer
MOTORSCOOTER DRIVER, DELIVERY
MOTOR-TOBOGGAN OPERTOR
MOTOR-TRANSPORTATION FOREMAN
MOUNTER, COLOR FILM
MOUNTING INSPECTOR
MUD WHEELMAN
MULE DRIVER
MULE TENDER
MULTI-OPERATION-FORMING-MACHINE OPERATOR I
MULTI-OPERATION-FORMING-MACHINE OPERATOR II
forming-mill operator
roll-mill operator
MULTI-OPERATION-FORMING-MACHINE SET-UP MAN
MULTIPLE-PHOTOGRAPHIC-PRINTER OPERATOR
photograph printer
MULTIPLE-PUNCH-PRESS OPERATOR
MULTIPLE-SHEAR OPERATOR
MUSICAL-INSTRUMENT REPAIRMAN
musical-instrument serviceman
MUSICAL-INSTRUMENT-REPAIRMAN APPRENTICE
NAILER, HAND
NAILING-MACHINE OPERATOR
box maker
nailer, machine
NAILING-MACHINE OPERATOR, AUTOMATIC
automatic nailer
NAME-PLATE STAMPER
NEGATIVE CUTTER AND SPOTTER
stripper
type artist
NIBBLER OPERATOR
nibbling-machine operator
NICKEL CLEANER
NIGHT WATCHMAN
NOTCHING-PRESS OPERATOR
NOTE KEEPER
noteman
recorder
OFFICE-MACHINE-REPAIR-SHOP FOREMAN
OFFICE-MACHINE SERVICEMAN
business-machine mechanic
office-equipment mechanic
office-machine inspector
office-machine repairman
OFFICE-MACHINE-SERVICEMAN APPRENTICE
business-machine-mechanic apprentice
OFFICE-MACHINE-SERVICEMAN FOREMAN
office-equipment-repair-shop foreman
service-shop foreman
OIL-BURNER-INSTALLATION-AND-SERVICEMAN
oil-burner-service-and-installation man
OIL-BURNER-INSTALLATION-AND-SERVICEMAN HELPER
OILER I
boiler-room helper
grease man
greaser
greaser and oiler
hostler
lubricator
machine hostler
oiler and greaser
OIL-RAG WASHER
OLIVER-FILTER OPERATOR
ORANGE-PEEL OPERATOR
ORDER-DEPARTMENT SUPERVISOR
ORDER FILLER
ORGAN TUNER, ELECTRONIC
ORIENTAL-RUG REPAIRMAN
ORIENTAL-RUG STRETCHER
rug stretcher
OUTSIDE TRUCKER
OVEN STRIPPER
OVEN UNLOADER
OVERHEAD CLEANER
OZALID OPERATOR
OXIDIZED-FINISH PLATER
plater helper
PACKAGE-LIFT OPERATOR
PACKAGER, HAND
hand packager
PACKAGER, MACHINE
machine operator, packaging
machine packager
PACKAGE SEALER
box gluer
box sealer
carton fastener
carton gluer
carton sealer
carton taper
case closer
case sealer
container taper
PACKAGING FOREMAN
PACKAGING LABORER
PACKAGING-LINE ATTENDANT

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PACKAGING-MACHINE ADJUSTER
adjuster, packaging machine
machine adjuster
PACKER, FOAMED-IN-PLACE
PACKING-MACHINE TENDER
PACO-MACHINE OPERATOR
darkroom attendant
PAINT CLEANER
PAINT DIPPER
PAINTER, AIRBRUSH
PAINTER, BRUSH
painter, hand
PAINTER, DRUM
PAINTER, ELECTRIC MOTOR
PAINTER, ELECTROSTATIC
electronic paint operator
PAINTER, HAND I
artist
decorator
filler-in tinter
PAINTER HELPER, SPRAY
paint-spraying-machine-operator helper
sprayer helper
PAINTER, MAINTENANCE
PAINTER, SIGN
PAINTER, SPRAY I
spray-gun operator
PAINTER, SPRAY II
painter, rough
PAINTER, TUMBLING BARREL
barrel painter
PAINTING-MACHINE OPERATOR
spray-machine operator
PAINT MIXER, HAND
mixer
PAINT MIXER, MACHINE
PAINT-SPRAYER OPERATOR, AUTOMATIC
automatic paint sprayer
spray-machine operator
PAINT-SPRAY INSPECTOR
finish inspector
PAINT-TOUCH-UP MAN
final-touch-up man
finish repairman
painter, inside finish
painter, touch-up
spot rubber
spot sprayer
spray-touch-up man
tack-off man
PALLETIZER OPERATOR I
PALLETIZER OPERATOR II
PANEL-INSTRUMENT REPAIRMAN
PANTS PRESSER
PAPER CUTTER
PAPER CUTTER, HAND
PAPER SHEETER
PARTITION-ASSEMBLY-MACHINE OPERATOR
PERCUSSION-INSTRUMENT REPAIRMAN
PEN-AND-PENCIL REPAIRMAN
PHOTO CHECKER AND ASSEMBLER
finisher
proofer
PHOTOGRAPHER HELPER
PHOTOGRAPH FINISHER I
print finisher
PHOTOGRAPH MOUNTER
PHOTOGRAPH RETOUCHER
photograph finisher
retoucher
PHOTOLITH OPERATOR
PHOTOSTATIC-PRINT CUTTER
PHOTOSTAT OPERATOR
photocopy operator
photostat-machine operator
PIANO TECHNICAN
PIANO TUNER
piano-tuner technician
tuner
PICKING-MACHINE OPERATOR
picker-machine operator
shredder
willower
PICKLER, CONTINUOUS PICKLING LINE
cleaner operator
continuous-dryout operator
pickler operator
strip cleaner
PICKLER HELPER, CONTINUOUS PICKLING LINE
continuous-dryout-operator helper
PIN INSERTER
PINSETTER MECHANIC, AUTOMATIC
bowling-pin-machine mechanic
PIN-TICKET-MACHINE OPERATOR
size-ticket pinner operator
PIPE FITTER, MAINTENANCE
steam fitter, maintenance
PIPE-FITTER FOREMAN, MAINTENANCE
PIPE-ORGAN TUNER AND REPAIRMAN
PITCH FILLER
tube filler
PITMAN, POWER SHOVEL
PLANT-PROTECTION SUPERVISOR
PLATE-AND-FRAME-FILTER OPERATOR
PLATE-AND-FRAME-FILTER-OPERATOR HELPER
PLATE ROLLER
PLATFORM FOREMAN
dock foreman
loading foreman
PLATFORM MAN
PLEATING-MACHINE OPERATOR
pleater
pleater operator
PLUMBER FOREMAN, MAINTENANCE
PLUMBER, MAINTENANCE
plumber, repair
PLUMBER-PIPE FITTER, CENTRAL-HEATING-AND-AIR-CONDITIONING
PLUMBER-PIPE FITTER HELPER, CENTRAL-HEATING-AND-AIR-CONDITIONING
PNEUMATIC-TOOL REPAIRMAN
air-motor repairman
drill doctor
PNEUMATIC-TUBE REPAIRMAN
tube repairman
POLISHER
POLISHER, ALUMINUM
POLISHER AND BUFFER I
POLISHER AND BUFFER II
POLISHER APPRENTICE
metal-polisher-and-buffer apprentice
POLISHER, BRASS
POLISHER, BRONZE
POLISHER, ZINC
POLISHING-MACHINE OPERATOR
POLISHING-MACHINE-OPERATOR HELPER
POLISHING-WHEEL SETTER
wheel setter
PORCELAIN-ENAMELING FOREMAN
foreman, porcelain department
PORCELAIN-ENAMEL LABORER
check and transfer beader
PORCELAIN-ENAMEL REPAIRMAN
appliance painter-and-refinisher
appliance refinisher-and-painter
slusher
PORCELAIN-ENAMEL SPRAYER
PORCELAIN SLUSHER
PORTER I
clean-up man
housekeeper
house officer
janitor
laborer, building maintenance
sanitary man
sweeper
PORTER II
cleaner
clean-up man
janitor
sanitor
scrubber
sweeper
trash man
utility man
vacuum cleaner
waste collector
PORTER, HEAD
head janitor
janitor foreman
POWDER COMPOUNDER
POWER-BUGGY OPERATOR
gasoline-buggy operator
power-buggy man
POWER-PLANT OPERATOR I
power engineer
powerhouse engineer
powerman
power-plant engineer
POWER-PRESS OPERATOR I
POWER-PRESS TENDER
POWER-SAW MECHANIC
chain-saw mechanic
POWER-SCREWDRIVER OPERATOR
power-nut-runner operator
POWER-SHOVEL OPERATOR
shovelman
shovel operator
POWER-SHOVEL-OPERATOR HELPER
POWER-SWEEPER OPERATOR
PRESERVATION-PACKING SPECIALIST
PRESIDENT
PRESS BUCKER
PRESSER, FORM
blocker
pressing-machine operator
PRESSER, HAND
finisher, hand
ironer, hand
PRESSER, MACHINE
buck presser
finisher, machine
PRESSER, MACHINE—Con.
flattening-machine operator
ironer, machine
pressing-machine operator
press operator
steam flattener
steam-heated-power-press operator
steam presser
steam-press operator
PRESS OPERATOR, HEAVY DUTY
bending-press operator
bull-press operator
hydraulic-press operator
toggle-press operator
PRINT DEVELOPER, MACHINE
hypo splasher
print developer
processor operator
PRINT WASHER
washer
PROCESS-DESCRIPTION WRITER
instructions supervisor
PRODUCT-DEVELOPMENT MAN
PRODUCTION FOREMAN I
PRODUCTION FOREMAN II
foreman, production
PRODUCTION SUPERINTENDENT
manager, factory
manager, general
manager, plant
manager, production
plant foreman
superintendent, factory
superintendent, general
superintendent, mill
superintendent, plant
superintendent, production
superintendent, shop
PROJECT-CREW MAN
PROJECTION PRINTER
photograph enlarger
projection-camera operator
PROMOTION CHARACTER
PROSPECTOR
PUBLIC-ADDRESS SERVICEMAN
electronic-sound technician
public-address-system operator
sound-equipment man
PUFFING-MACHINE OPERATOR
puffer
PUMPHOUSE OPERATOR
pumping-station operator
PUMP INSTALLER
PUMPMAN
circulator
pump-machine operator
pump operator
pump runner
pump tender
siphoner
PUMPMAN HELPER
PUMP SERVICEMAN
pump repairman
PUMP-SERVICEMAN FOREMAN
PUMP-SERVICEMAN HELPER
mechanic helper
PUNCH-PRESS FEEDER
PUNCH-PRESS FOREMAN
PUNCH-PRESS OPERATOR I
PUNCH-PRESS OPERATOR II
PUNCH-PRESS OPERATOR III
punch operator
PUNCH-PRESS OPERATOR IV
PUNCH-PRESS OPERATOR, AUTOMATIC
PUNCH-PRESS-OPERATOR HELPER
PUNCH-PRESS SET-UP MAN
die-set-up man
PUNCH-PRESS TAKE-OFF MAN
PURCHASING AGENT
buyer
director, purchasing
manager, purchasing
manager, supply
purchaser
PUTTY GLAZER
RACKER
RACKER, SILK-SCREEN PRINTING
RADAR MECHANIC
RADIOGRAPHER
industrial X-ray operator
RADIO MECHANIC II
RADIO MECHANIC, GROUND INSTALLATIONS
RADIO-MECHANIC HELPER
radio helper
RADIO REPAIRMAN
trouble shooter, radio
RADIO REPAIRMAN, DOMESTIC
RAG SORTER
RECEIVING-AND-SHIPPING FOREMAN
chief clerk
shipping-and-receiving foreman
RECEIVING FOREMAN
RECIPROCATING-DRILL OPERATOR
RECORD-PROGRAM SELECTOR
RECTIFICATION PRINTER
REFRIGERATING ENGINEER
cooling-system operator
operating engineer
stationary engineer, refrigeration
REFRIGERATING ENGINEER, HEAD
refrigeration operator, head
REFRIGERATION FOREMAN
operating-engineer foreman
REFRIGERATION MECHANIC
air-conditioning attendant
air-conditioning mechanic
refrigeration-equipment erector
REFRIGERATION-MECHANIC HELPER
REFRIGERATION-SYSTEM INSTALLER
RELIEF-MAP MODELER
three-dimensional-map modeler
REPAIRMAN, ART OBJECTS
REPRODUCTION TECHNICIAN
tracing-cloth-reproduction technician
vacuum-frame operator
REST-ROOM ATTENDANT
lavatory attendant
toilet attendant
washroom attendant
REST-ROOM MAID
RETIREMENT INTERVIEWER
REVERSAL-PRINT INSPECTOR
RIDING-MOWER OPERATOR
RIGGER I
rigger foreman
RIGGER II
craneman
crane rigger
groundsman
hook-and-chain man
hook tender
slinger
yard rigger
RIGGER HELPER
RIGHT-OF-WAY AGENT
claims agent, right-of-way
permit agent
RIGHT-OF-WAY SUPERVISOR
supervisor, permits, easements, and right of-way
RIVET CATCHER
rivet sticker
RIVETER, HAND
RIVETER HELPER
RIVETER, HYDRAULIC
bull riveter
hydraulic-bull-riveter operator
multiple-pressure-riveter operator
RIVETER, PNEUMATIC
RIVETER, PORTABLE MACHINE
RIVETER, PORTABLE PINCH
RIVET HEATER
RIVET HEATER, ELECTRIC
RIVET HEATER, GAS
RIVETING-MACHINE OPERATOR I
RIVETING-MACHINE OPERATOR II
RIVET SPINNER
ROD-BENDING-MACHINE OPERATOR
RODENT EXTERMINATOR
RODMAN
surveyor assistant
surveyor helper
ROD-MILL OPERATOR
ROLLER-SKATE REPAIRMAN
ROLL-FORMING FOREMAN
ROLL-FORMING-MACHINE OPERATOR I
ROLL-FORMING-MACHINE OPERATOR II
ROLL-FORMING-MACHINE SET-UP MAN
ROLLING-MACHINE OPERATOR, AUTOMATIC
ROLL OPERATOR I
bending-roll operator
roll former
ROLL OPERATOR II
ROLL-OPERATOR HELPER
ROLL OPERATOR, SHEET METAL
forming-machine operator
ROTARY-DRILL OPERATOR
ROTARY-ROCK-DRILLING-MACHINE OPERATOR
ROTARY-SHEAR OPERATOR
circular-shear operator
ring-shear operator

ROUTE SUPERVISOR
division man
manager, route
route boss
route foreman
wholesale foreman
RUBBER-GOODS REPAIRMAN
RUBBERIZING MECHANIC
SACK REPAIRMAN
bag patcher
sack mender
SACK SEWER, HAND
SACK SEWER, MACHINE
SACK SORTER
SACK STENCILER
SAFETY-AND-SANITARY INSPECTOR
safety inspector
sanitary-and-safety inspector
SAFETY INSPECTOR I
safety director
SALES CORRESPONDENT
SALESMAN, CLUB MEMBERSHIP
SALESMAN-DRIVER
commercial chauffeur
deliveryman
delivery-truck driver, light
route agent
route driver
routeman salesman, route
SALESMAN-DRIVER HELPER
routeman helper
SALT FILTERMAN
SALT WHEELMAN
SALVAGE MAN II
salvage keeper
spare-parts-and-salvage man
SAMPLE MOUNTER
card mounter
gluer
paster
sample-book maker
sample-card maker
sample maker
SAMPLE WORKER
sample girl
SANDBLASTER
SANDBLAST-OR-SHOTBLAST-EQUIPMENT TENDER
shotblast-or-sandblast-tumbler operator
tumblast-barrel operator
tumblast operator
wheelabrator operator
SANDER
SANDWICH MAN
SANTA CLAUS
SAW FILER
filer
SCALE MECHANIC
scaleman
scale repairman
SCARIFIER OPERATOR
SCISSORS GRINDER
SCISSORS HONER
scissors sharpener
sharpener
SCRAPER OPERATOR
SCRAP HANDLER
SCRAP-SHEAR OPERATOR
SCRAP SORTER
SCREENER OPERATOR
separator-machine operator
SCREEN MAKER, PHOTOGRAPHIC PROCESS
silk-screen artist
silk-screen man
SCRUBBING-MACHINE OPERATOR
SEAMER MECHANIC
closing-machine repairman
SEAMSTRESS
mender
SECTION HEAD
SECURITY OFFICER
security supervisor
SERGING-MACHINE OPERATOR
edging-machine operator
overcasting-machine operator
overedge-machine operator
overlock-machine operator
overseaming-machine operator
serger
SERGING-MACHINE OPERATOR, AUTOMATIC
SERVICE ENGINEER I
SET-UP MAN I
heavy plate set-up man
job setter
machine setter
SET-UP MAN, AUTOMATIC-SPINNING-AND-BEADING-LATHE
set-up man, beading lathe, automatic
SET-UP MAN, AUTOMATIC-SPINNING LATHE
SET-UP MAN, CROWN ASSEMBLY MACHINE
SET-UP MAN, SHEET METAL
die setter
job setter
machine setter
SEWAGE-PLANT OPERATOR
SEWER, HAND
alteration hand
assembler
bander
band sewer
bench worker
garment finisher
garment sewer, hand
hand stitcher
hand tacker
hat-band sewer
hat trimmer
needle-worker
stitcher, hand
table worker, sewing
trimmer
SEWING-MACHINE OPERATOR, ALL AROUND
floor girl
floor lady
lead girl
SEWING-MACHINE OPERATOR, AUTOMATIC
SEWING-MACHINE OPERATOR, REGULAR EQUIPMENT
SEWING MACHINE OPERATOR, SPECIAL EQUIPMENT
SEWING-MACHINE REPAIRMAN
machinist, sewing machine
sewing-machine adjuster
SEWING-MACHINE REPAIRMAN HELPER
power-sewing-machine adjuster helper
strap boy
SHAFTING CLEANER
SHEAR OPERATOR I
plate shear operator
power shear operator
SHEAR OPERATOR I—Con.
shearman
SHEAR OPERATOR II
power-shear operator
shearman
SHEAR OPERATOR, AUTOMATIC I
automatic-shear operator
shear-to-length operator
SHEAR OPERATOR, AUTOMATIC II
SHEAR-OPERATOR HELPER
SHEAR SET-UP MAN
SHEET-METAL-FABRICATING-MACHINE OPERATOR
SHEET-METAL INSTALLER
SHEET-METAL LAY-OUT MAN
template lay-out man
SHEET-METAL PRODUCTION WORKER
SHEET-METAL-SHOP FOREMAN
SHEET-METAL-SHOP HELPER
SHEET-METAL WORKER
sheet-metal journeyman
sheet-metal man
sheet-metal mechanic
SHEET-METAL-WORKER APPRENTICE
SHEET-METAL-WORKER, MAINTENANCE
SHIPPING FOREMAN
SHOP MECHANIC I
SHOP STEWARD
SHOT-PEEN OPERATOR
SIGN WRITER, HAND
card writer, hand
show-card writer
SIGN WRITER, MACHINE
display-card writer
sign printer
SILK-SCREEN CUTTER
film cutter
silk-screen maker
stencil cutter
SILK-SCREEN-FRAME ASSEMBLER
jig builder, silk screen
set-up man, silk-screen frame
SILK-SCREEN-LAYOUT DRAFTSMAN
SILK-SCREEN PRINTER
screen-stencil printer
silk-screen tender
squeegee man
SIX-HORSE HITCH DRIVER
SKEIN-WINDING OPERATOR
SKETCH MAKER
SKIMMER-SCOOP OPERATOR
SKIN DIVER
frogman
salvage diver
scuba diver
SKIP-HOIST OPERATOR
SLITTER, PROCESSED FILM
SLITTING-MACHINE OPERATOR I
rip-machine operator
roll-cutting operator
slitter-and-rewinder-machine operator
splitter operator
SLITTING-MACHINE OPERATOR II
SLITTING-MACHINE-OPERATOR HELPER I
drum operator
rewinder
rewinder-operator helper
slitter-and-rewinder machine-operator helper
slitter helper
SLITTING-MACHINE-OPERATOR HELPER I—Con.
wind-up man
SLITTING-MACHINE-OPERATOR HELPER II
SMOKING-PIPE REPAIRMAN
SNAP ATTACHER
SNAP-FASTENER-MACHINE OPERATOR
SNOW MAN
defroster
SNOWMOBILE DRIVER
SOLDERER, SOFT
SOLDER SPRAYER
SOLICITOR
canvasser
salesman, house-to-house
sales, outside
SOLVENT-RECOVERY MAN
SORTER
dispatcher
route clerk
router
routing clerk
SOUNDER
leadman, river-and-harbor soundings
SOUND TECHNICIAN
inter-com installer
inter-com serviceman
SOUND-TRUCK OPERATOR
SPACE ANALYST
office-planning representative
SPECIAL DELIVERYMAN
special-delivery driver
SPECIAL-LINING APPLIER
SPINNER, HAND
metal spinner
sheet-metal spinner
spinning-lathe operator
SPINNER, HYDRAULIC
spinning-lathe-operator, hydraulic
SPINNING-LATHE OPERATOR, AUTOMATIC
SPLICER
SPORTS-EQUIPMENT REPAIRMAN
SPOT CUTTER
SPOTTER I
SPOTTER, PHOTOGRAPHIC
spotter
SPOUTMAN
SPRAY BLENDER
SPRAY-BOOTH CLEANER
SPRAY-GUN REPAIRMAN
gun repairman
SPRAY-PAINTING-MACHINE OPERATOR
automatic-spray-machine operator
SPRAY-UNIT FEEDER
machine sprayer
SPREADER I
cloth layer
cloth spreader
SPREADER II
layer up
machine spreader
SPREADER III
SPRINKLER-FIRE-EXTINGUISHER INSPECTOR
fire-apparatus inspector
SPRINKLING-TRUCK DRIVER
SQUARE-SHEAR OPERATOR
STABLEMAN
barn hand
feedman
feed mixer
groom
hostler
liveryman
stable boy
tackman
team tender
STACKING - MACHINE OPERATOR I
lamination stacker, machine
plate grouper
plate stacker, machine
stacker operator
STACKING-MACHINE OPERATOR II
stacker operator
STAKEMAN
STAMPER I
STAMP FILLER
medallion painter
painter, embossed lettering
STAMPING-PRESS OPERATOR II
STANDARD-PRACTICE MAN
process analyst
standard - procedures man
standards analyst
STAPLING-MACHINE OPERATOR
wire stitcher operator
STATIC BALANCER
STATIONARY ENGINEER
maintenance engineer
operating engineer
powerman
power-plant operator
stationary-engine man
watch engineer
STATIONARY - ENGINEER APPRENTICE
operating-engineer apprentice, stationary
power - plant - operator apprentice
STATIONARY - ENGINEER FOREMAN
boilerhouse foreman
station supervisor
steam-station foreman
watch engineer
STATISTICAL - MACHINE SERVICEMAN
customer engineer
STATOR REPAIRMAN
STEAM - DINKEY OPERATOR
STEAM-FITTER FOREMAN, MAINTENANCE
STEEL-PLATE CALKER
calker
STENCIL CUTTER, MACHINE
STENCILER
brand boy
marker, shipments
STILL OPERATOR
STILL TENDER
STOCK DRIVER
STOKER ERECTOR-AND-SERVICEMAN
stoker - installation mechanic
STOVE REFINISHER
STRADDLE-TRUCK OPERATOR
Ross-carrier operator
STRAIGHTENER, HAND
STRAIGHTENING - MACHINE FEEDER
STRAIGHTENING - PRESS OPERATOR
straightener
STRAIGHTENING - PRESS-OPERATOR HELPER
STRAIGHTENING - ROLL OPERATOR
mangle roll operator
straightening-machine operator
STRAIGHT-KNIFE CUTTER
STRAW BOSS
gang leader
group leader
STRAW BOSS—Continued
head
pacer
pusher
STRETCHING-PRESS OPERATOR
STRIP-CUTTING-MACHINE OPERATOR
slicer
slitter
STRIPER, MACHINE
gun striper
mechanical striper
pencil striper
STRIPPER I
STRUCTURAL-STEEL LAY-OUT MAN
STRUCTURAL-STEEL-SHOP FOREMAN
SUGAR-BAGGING OPERATOR
SUPERINTENDENT, BUILDING II
building-service supervisor
custodian
manager, building
SUPERINTENDENT, COLD STORAGE
SUPERINTENDENT, INSTITUTION
manager, institution
SUPERINTENDENT, MAINTENANCE
SUPERINTENDENT, PLANT PROTECTION
protection chief, industrial plant
security manager
SUPERINTENDENT, TRANSPORTATION
manager, transportation
motor vehicles supervisor
superintendent, automotive
transportation department head
SUPERVISOR, PROCUREMENT SERVICES
supervisor, material control
SUPPLIES PACKER
pack-train driver
SWEETLAND-PRESS-LEAF ATTENDANT
SWIMMING-POOL SERVICEMAN
maintenance man, swimming pool
pool service routeman
SYSTEMS ENGINEER
customer-service engineer
TABLE WORKER I
TABULATING-EQUIPMENT MECHANIC
TACKING-MACHINE OPERATOR
tacker
TAKE-DOWN INSPECTOR
TANK CLEANER
TANK-SHOP FOREMAN
TAPE-RECORDER REPAIRMAN
TEACHER, NURSERY SCHOOL
child-care leader
child-day-care center worker
nursery-school attendant
playroom attendant
TEAMSTER
freighter
freight man
hauler

any ind.—continued

TEAMSTER—Continued
skinner
team driver
toter
TECHNICAL-MAINTENANCE MAN
photographic-equipment-maintenance man
TELEPHONE SOLICITOR
telephone salesman
TELEVISION-INSTALLATION MAN
TELEVISION SERVICE-AND-REPAIRMAN
television-and-radio repairman
television repairman
TELEVISION SERVICE-AND-REPAIRMAN APPRENTICE
radio-television-repairman apprentice
television-and-radio-serviceman apprentice
television-repairman apprentice
TEMPLATE INSPECTOR
TEMPLATE MAKER
TEMPLATE MAKER, SHEET METAL
TEMPLATE MAKER, STRUCTURAL STEEL
TEMPLATE MAKER, TRACK
TENNIS-RACKET REPAIRMAN
THERMOSPRAY OPERATOR
THERMOSTAT INSPECTOR
TICKET AGENT
berthing-sheet clerk
field-traffic man
passenger agent
passenger-booking clerk
reservation clerk
ticket clerk
ticket seller
TICKETER
hanger stamper
label stamper
ticket stamper
ticket writer
TIER-LIFT-TRUCK OPERATOR
TINSMITH
TOOL BENDER, HAND
TOOL CHASER
TOOL DRESSER
drill-sharpener operator
TOOL-DRESSER HELPER
TOOL GRINDER I
cutlery grinder
grinder-man
tool sharpener
TOOL GRINDER II
grinder man
tool sharpener
TOOL PLANNER
process man
TOOL PROGRAMER, NUMERICAL CONTROL
computer-programer, numerical machine tool
tool and production planner, numerical control
tool programer, automatic
tool programer, tape
TOOL STRAIGHTENER
TORCH STRAIGHTENER AND HEATER
straightener, torch
TOUCH-UP PAINTER, HAND
hand painter
retoucher
salvage painter
TRACER
draftsman, junior
TRACKMOBILE OPERATOR
TRACTOR-CRANE OPERATOR
crawler-crane operator
tractor-crane engineer
TRACTOR-DRILL OPERATOR
TRACTOR MECHANIC
TRACTOR-MECHANIC HELPER
TRACTOR OPERATOR
TRACTOR-TRAILER-TRUCK DRIVER
trailer-truck driver
TRAILER CHIEF
TRANSFORMER REPAIRMAN
transformer assembler
transformer rebuilder
TEANSFORMER-SHOP FOREMAN
TRANSPORTATION FOREMAN
garage foreman
TRANSPORTATION-MAINTENANCE FOREMAN
general foreman, transportation
TRAVELING-MAINTENANCE SUPERVISOR
TREASURER
treasury representative
TREATER
applicator
applier
TRIMMER, HAND
clipper
finisher
hand clipper
table worker
TRIMMING-MACHINE OPERATOR
cleaning-machine operator
clipper
thread-clipper-machine operator
thread cutter
TRUCK-CRANE OPERATOR
mobile-crane operator
TRUCK-CRANE-OPERATOR HELPER
TRUCK DRIVER
transfer man
truckman
truck operator
TRUCK DRIVER, HEAVY
TRUCK-DRIVER HELPER
driver helper
trucker helper
TRUCK DRIVER, LIGHT
TRUCKER, HAND
TRUCK ESCORT
TRUNK REPAIRMAN
TUBE BENDER, HAND I
bender, hand
TUBE BENDER, HAND II
TUBE-BENDING-MACHINE OPERATOR
TUBE CLEANER
TUBE WINDER
TUBING-MILL OPERATOR
TUBING-MILL SET-UP MAN
TUBULAR-PRODUCTS FABRICATOR
TUMBLER OPERATOR
TURNER
clipper and turner
TURNING-MACHINE OPERATOR
TURRET-PUNCH-PRESS OPERATOR
multi-punch operator
TURRET-PUNCH-PRESS OPERATOR, TAPE-CONTROL
TWISTING-MACHINE OPERATOR
TYPEWRITER SERVICEMAN
TYING-MACHINE OPERATOR
ULTRASONIC CLEANER
UMBRELLA REPAIRMAN
UPHOLSTERER HELPER
UTILITIES-AND-MAINTENANCE FOREMAN
maintenance-and-utilities foreman
VACUUM-CLEANER OPERATOR
cleaner operator
power-cleaner operator
VACUUM-CLEANER REPAIRMAN
VACUUM-METALIZER OPERATOR
vapor coater
VALLEZ-FILTERER HELPER
VALLEZ-FILTER OPERATOR
VEHICLE UNLOADER
VENTILATION MAN
air-control man
blower-room attendant
exhaust man
fanman
heating-and-ventilating man
scrubber-system attendant
ventilation mechanic
VENETIAN-BLIND MAINTENANCE MAN
venetian-blind cleaner and repairman
VERTICAL-ROLL OPERATOR
VICE PRESIDENT
VIOLIN REPAIRMAN
WAGON-DRILL OPERATOR
WAGON DRIVER
WAITER, CAMP
WAITRESS, CAMP
WALKING-DRAGLINE OPERATOR
WALLMAN
WALL WASHER
paper cleaner
wallpaper cleaner
WAREHOUSE FOREMAN
WAREHOUSE WATCHMAN
WASHER II
cleaner
WASHER-DRIER SET-UP MAN
WASHER, MACHINE
washing-machine operator
WASHING-MACHINE OPERATOR I
WASHING-MACHINE SERVICEMAN
WASTE-DISPOSAL MAN
WATCHMAKER
clockmaker
watch repairman
WATCHMAKER APPRENTICE
clock-and-watch repairman apprentice
WATCHMAN I
guard
patrolman
special policeman
WATCHMAN, CROSSING
crossing tender
flagman
gateman, crossing
watchman, grade crossing
WATER-PUMPING-STATION ENGINEER
WATER-PUMP SERVICEMAN
WATER-SERVICE SUPERVISOR
filter-unit operator
water-purification operator
water-supply operator
WATER TENDER
WATER-TEST MAN
WEIGHER
scale attendant
scale clerk
scaleman
weigh boy or girl
weighman
weighmaster
weight tester
WEIGHER, PRODUCTION
WEIGHER, SULFATE
WHEEL-AND-CASTER REPAIRMAN
WHEELWRIGHT
WINCHMAN
WIND-INSTRUMENT REPAIRMAN
WINDLASS OPERATOR
hoist operator, hand
laborer, hand winch
winchman, hand
winch operator, hand
WINDMILL REPAIRMAN
WINDOW CLEANER
window washer
WINDOW REPAIRMAN
WIRE BENDER, HAND
WIRE-BRUSH MAN
WIRE-STRAIGHTENING-MACHINE OPERATOR
WIRE-STRIPPING-AND-CUTTING-MACHINE OPERATOR, AUTOMATIC
WOODWIND-INSTRUMENT REPAIRMAN
WRAP CHECKER
WRAPPER
WRAPPER SHEETER
WRAPPING-AND-PACKING-MACHINE OPERATOR
WRAPPING-MACHINE CATCHER
WRAPPING-MACHINE OPERATOR
WRAPPING REMOVER
XEROGRAPHY-MACHINE OPERATOR
xerography operator
X-RAY-CONTROL-EQUIPMENT REPAIRMAN
X-RAY-EQUIPMENT TESTER
X-ray consultant
X-ray equipment serviceman
X-ray service engineer
X-RAY TECHNICIAN
YARD-AND-SORT MAN
YARD FOREMAN
yard boss
YARDMASTER
YARD PUMPMAN
YARN CLEANER
bobbin fixer
clean-yarn man
filling inspector
repairer
repairman
tangled-yarn-spool straightener
yarn salvager
YARN WINDER
back winder
package winder
reeler
YARN WINDER—Continued
respooler
rewinder
spooler
winder
winding-machine operator
YARN WINDER—Continued
yarn rewinder
yarn-winding tuber
ZIG-ZAG-MACHINE OPERATOR
ZYGLO INSPECTOR
zyglo operator and inspector

artif. flower.—FEATHER, PLUME, AND ARTIFICIAL AND PRESERVED FLOWER AND PLANT INDUSTRY: Covered by this industry are occupations engaged in processing ornamental feathers and plumes, manufacturing artificial flowers, fruits, grasses, leaves, vines, and other plants, and preserving natural flowers, plants, and stems. Occupations concerned with manufacturing similar products from glass are included in the GLASS PRODUCTS INDUSTRY (glass prod.).

ARTIFICIAL-FLOWER MAKER
flower arranger
foliage arranger
BRANCHER
CLAM MAKER
preparer
CURLER
CUTTER
DYER
FEATHER BONER
feather trimmer
shaper
FELT-PAD CUTTER
PETAL CUTTER
PETAL SHAPER, HAND
PRESSER
STARCHER
sizer
STICKER
leaf sticker
TUBING-MACHINE OPERATOR
TWISTING-MACHINE OPERATOR
VEINING-MACHINE OPERATOR
WREATH MAKER

artif. leather—ARTIFICIAL LEATHER AND OILCLOTH INDUSTRY: This industry includes occupations concerned with coating and finishing purchased materials with substances, such as nitrocellulose compounds, linseed oil, paint, or enamel and impressing or printing designs on them to simulate various kinds of leather or to produce oilcloth for use as table, shelf, wall, or other coverings. Occupations concerned with impregnating fabrics with rubber are included in the RUBBER GOODS INDUSTRY (rubber goods).

BALL-MILL MIXER
CALENDER FOREMAN
CALENDER-OPERATOR HELPER
CALENDER OPERATOR, OILCLOTH
CLOTH-PRINTING-MACHINE-OPERATOR HELPER
COATING FOREMAN
COATING-MACHINE OPERATOR
saturator
COATING-MACHINE-OPERATOR HELPER
COLLOID MIXER
COLOR MAKER
print-color operator
DAUB-COLOR MATCHER
DAUB-COLOR MIXER
DAUB GRINDER
DRY-ROOM TENDER
drier
DULL-COAT-MILL OPERATOR
EMBOSSING-MACHINE OPERATOR
EMBOSSING-MACHINE-OPERATOR HELPER
EMBOSSING-PRESS OPERATOR
finished-leather presser
plating-press operator
EMBOSSING-PRESS OPERATOR—Continued
pressman
printer
smooth plater
FINISH-COAT-MILL OPERATOR
FIRST-COAT OPERATOR
FOREMAN
GRINDING OPERATOR
INSPECTOR, OILCLOTH
LABORER, GENERAL
MIXER
make-up man
MIXING FOREMAN
OIL BOILER
OILCLOTH CUTTER
PRINT-COLOR MATCHER
PRINT-COLOR MIXER
PRINTING-FOREMAN
RAW-CALENDER OPERATOR
ROLL-SHEETING CUTTER
trim operator
SECOND-CALENDER OPERATOR
THIRD-CALENDER OPERATOR
TRIMMING FOREMAN
WINDING-RACK OPERATOR
jack operator
WINDING-RACK-OPERATOR HELPER

asbestos prod.—ASBESTOS PRODUCTS INDUSTRY: This industry includes occupations in the manufacture of asbestos textiles and building materials and other products, made entirely or chiefly of asbestos, exclusive of steam and other packing, pipe and boiler covering, and gaskets, which are included in the STEAM PACKING AND OTHER PIPE AND BOILER COVERING MANUFACTURING INDUSTRY (pipe & boiler cov.).

APRON CLEANER
apron scratcher
card-apron cleaner
ASBESTOS-CLOTH INSPECTOR
ASBESTOS-CLOTH SEWER

ASBESTOS-SHINGLE INSPECTOR
ASBESTOS-SHINGLE SHEARING-MACHINE OPERATOR
cutter operator, asbestos shingle
BEAM-WARPER TENDER, AUTOMATIC
beam warper
cotton warper
high speed-warper tender
section beamer
section warper
tricot-warper tender
warp dresser
warper tender
BLENDING-MACHINE FEEDER
BLOCKER
BRAIDING-MACHINE OPERATOR
braider tender
BRAKE-LINING FINISHER, ASBESTOS
impregnator operator
BRAKE-LINING-FINISHER HELPER, ASBESTOS
CALENDER-MACHINE OPERATOR
cloth calender
tape calender
CARD GRINDER
card fixer
card setter
CARDROOM SUPERVISOR
CARDROOM WORKER
CARD TENDER
alley tender
card feeder
card hand
card operator
COP WINDER
CUTTER, BRAKE LINING
DOFFER
filling-yarn doffer
warp-yarn doffer
DUSTER FEEDER
FINISHER-CARD TENDER
card finisher tender
tape-condenser operator
FOREMAN, ASBESTOS TEXTILE
GRINDER, BRAKE-LINING
HAMMER-MILL FEEDER
INSPECTOR
inspector, brake lining
LOOM FIXER
fixer
loom repairman
MIXER
feeder
PALLETIZER TENDER
PICKER FEEDER
PREPARATION-ROOM WORKER
beater
PRESSER
baler
ROPE MAKER, MACHINE
SAMPLE-TESTER
SPEARMAN
wet-machine operator
SPINNER, FRAME
filling spinner, frame
frame operator
spinner, japanese frame
spinning-frame tender
warp spinner, frame
weft spinner, frame
SPINNER, MULE
STOCK MIXER
TAPE WEAVER
TAPE WINDER
TWISTER TENDER
beam-twister tender
cable-twister operator
downtwister
filling-twister tender
twister spinner
twisting-frame operator
twisting operator
warp-twister tender
yarn doubler
WEAVER
loom operator
weaver, broadloom
WEAVER APPRENTICE
loom operator apprentice
WEAVER, NARROW FABRICS
WEAVING FOREMAN

auto. mfg.—AUTOMOBILE MANUFACTURING INDUSTRY: This industry covers occupations in the manufacture of automobiles and other motor vehicles, such as trucks, buses, ambulances, fire engines, and taxicabs, and truck and automobile bodies and trailers. This industry also includes occupations in the manufacture of automobile parts and accessories, such as bearings, engines, brakes and brake parts, bumpers, bumperettes, bushings, carburetors, horns, piston rings, radiators, shock absorbers, and windshield wipers. The manufacture of tires and tubes is included in the RUBBER TIRE AND TUBE INDUSTRY (rubber tire & tube); springs in the METAL SPRING INDUSTRY (spring); automobile hardware in the HARDWARE INDUSTRY (hardware); ignition apparatus, batteries, and starting systems in the ELECTRICAL EQUIPMENT INDUSTRY (elec. equip.); lighting systems in the LIGHTING FIXTURES INDUSTRY (light. fix.); automobile instruments and speedometers in the INSTRUMENTS AND APPARATUS INDUSTRY (inst. & app.); and mobile homes and travel trailers in the TRANSPORTATION EQUIPMENT (N.E.C.) INDUSTRY (trans. equip.).

ASSEMBLER, AUTOMOBILE
ASSEMBLER, AXLE
ASSEMBLER, BODY
ASSEMBLER, FINAL
ASSEMBLER, MOTOR
ASSEMBLER, OIL FILTERS
ASSEMBLER, SOFT TOP
fabric-top builder
soft-top builder
top builder
ASSEMBLER, SOFT TRIM
ASSEMBLER, TRANSMISSION
ASSEMBLY FOREMAN, FRAMING
AUTO-BODY-DESIGN CHECKER
body-design checker, auto
checker, auto-body design
design checker, auto body
AUTO-BODY-DESIGN DETAILER
body-design detailer, auto
detailer, auto-body design
panel detailer
AUTO-BODY DESIGNER
body designer, auto
designer, auto body
AUTO-BODY LAY-OUT DRAFTSMAN
body draftsman, auto design
draftsman, auto body design
lay-out man, auto-body design
AUTOMOBILE-DOOR-PANEL ASSEMBLER
AUTOMOTIVE ENGINEER
BEARINGNIZER
BLOCK SEALER
mogul cast operator
BODY WIREMAN
coach wireman
electrician, wiring
wireman
BONDERIZER
CARBURETOR INSPECTOR
CHASSIS INSPECTOR
CLAIMS CLERK
CLOTH-AND-LEATHER CUTTER
CLUTCH INSPECTOR
CRANKCASE COREMAKER
CRANKSHAFT STRAIGHTENER
CUSHION BUILDER
back builder
seat coverer
CUSTOM-FRAME MAN
DEADENER
body silencer
silencer
soundproofer
spray silencer
undercoat applier
DECK-LID FITTER
DIELECTRIC-PRESS OPERATOR
DIFFERENTIAL REPAIRMAN
DIFFERENTIAL TESTER
DOOR FITTER
DOOR REPAIRMAN, BUS
DRIVER
car driver
drive-away man
DRIVER-UTILITY MAN
DYNAMOMETER TESTER, CHASSIS
DYNAMOMETER TESTER, MOTOR
motor tester
FINAL INSPECTOR
checker
FINAL INSPECTOR, TRUCK TRAILER
FIN-MACHINE OPERATOR
FITTER AND ADJUSTER
line-up man
FOLLOW MAN
FOREMAN, FINAL ASSEMBLY
FOREMAN, TRUCK-TRAILER ASSEMBLY
GEAR STRAIGHTENER
GLAZE SPRAYER
GRINDER, LEAD
HEADLINER INSTALLER
headliner trimmer
HEARSE UPHOLSTERER
HYPOID-GEAR TESTER
gear tester
INSPECTOR, OIL FILTERS
INSPECTOR, RETURNED MATERIALS
salvage inspector
service-claims inspector
service dismantler
INSTALLER, SOFT TOP
assembler, convertible top
JACKET COREMAKER
LABORATORY TECHNICIAN
LINE-UP MAN I
LUMBER-DELIVERY MAN
MECHANICAL ASSEMBLER
trailer-sections assembler
MECHANICAL ASSEMBLER, PANELING
MORTEX SPRAYER
MOTOR AND CHASSIS INSPECTOR
finished-car inspector
roadability machine operator
rollerman
MOTOR REPAIRMAN
MOTOR TEST HELPER
PAINTER, CHASSIS
PAINTER, INSIGNIA
POCKETED-SPRING INSERTER
POCKETED-SPRING TURNER
PRIMER SPRAYER
PUMP INSTALLER-AND-TESTER
REPAIRMAN, GENERAL
general repairer
REPAIRMAN, HEAVY
RIM-ROLLER SET-UP MAN
RUST PROOFER
SAMPLE-BODY BUILDER
miniature-model maker
model maker
SAMPLE-BODY-BUILDER APPRENTICE
miniature-model-maker apprentice
model-maker apprentice
SERVICE-MANAGEMENT SPECIALIST
SERVICE MECHANIC
SEWING-MACHINE OPERATOR
SOLDERER, TORCH
SPRAYER, AUTO PARTS
STUFFING-MACHINE OPERATOR
pad maker
TEST DRIVER I
car tester
chassis driver
overland driver
road tester
TEST DRIVER II
TESTER, MOTOR
block tester
motor adjuster
motor timer
motor tuner
tuner
tune-up man, final
THINNER SPRAYER
TINNER OPERATOR, CONNECTING RODS
TOW-BAR DRIVER
drive-away driver
TRAILER ASSEMBLER
assembler, truck-trailer
TRAILER-BODY ASSEMBLER
TRANSMISSION REPAIRMAN
TRANSMISSION TESTER
gear tester
TRIM-STENCIL MAN
pattern-punching-machine operator
stencil maker
TRUCK-BODY BUILDER
body builder
TRUCK-BODY-BUILDER APPRENTICE
custom-body-builder apprentice
TRUCK-BODY-BUILDER APPRENTICE—Continued
truck-and-trailer-body-builder apprentice
UNDERCOAT SPRAYER
UPHOLSTERY CUTTER
UTILITY MAN, LINE ASSEMBLY
WATER-TEST RIDER
WHEEL FILLER

auto. ser.—AUTOMOTIVE SERVICES: Covered by this industry are occupations concerned with servicing automobiles, motorcycles, trucks, and other motor vehicles. It includes such activities as automobile painting, washing, body and fender repairing, engine repairing, radiator repairing, tire retreading and repairing; the operation of parking lots and garages; the rental of passenger automobiles, trucks, and trailers; and the sale of gasoline and oil at service stations. The sale of automobiles, and of automobile parts and accessories is included under RETAIL TRADE (ret. tr.).

AIR-CONDITIONING MECHANIC
automobile-refrigeration mechanic
ARMATURE WINDER, AUTOMOTIVE
AUTOMATIC-TRANSMISSION MECHANIC
AUTOMATIC-WINDOW-SEAT-AND-TOP-LIFT REPAIRMAN
top-lift-and-automatic-window repairman
AUTOMOBILE-ACCESSORIES INSTALLER
AUTOMOBILE-BODY REPAIRMAN
automobile-body worker
automobile-collision serviceman
body-and-fender repairman
body-line finisher
body man
bumper
dent remover
dingman
fender-and-body repairman
hammer-out man
metal bumper
metal shrinker
metal worker
touch-up finisher, metal
AUTOMOBILE-BODY-REPAIRMAN APPRENTICE
body-and-fender-repairman apprentice
AUTOMOBILE-BODY-REPAIRMAN APPRENTICE, COMBINATION
automobile-body-repairman-and-painter apprentice
AUTOMOBILE-BODY REPAIRMAN, COMBINATION
AUTOMOBILE-BUMPER STRAIGHTENER
bumper straightener
AUTOMOBILE MECHANIC
automobile repairman
automobile-service mechanic
garage man
garage mechanic
garage repairman
AUTOMOBILE MECHANIC, CHIEF
automotive section chief
maintenance chief
AUTOMOBILE-MECHANIC HELPER
automobile-mechanic assistant
mechanic helper
AUTOMOBILE MECHANIC, MILITARY
AUTOMOBILE MECHANIC, MOTOR
AUTOMOBILE-RADIATOR MAN
automobile mechanic, radiator
radiator repairman
AUTOMOBILE-REPAIR-SERVICE SALESMAN
automobile inspector
collision estimator
garage-service floorman
manager, service
mechanic, trouble-shooting
serviceman, auto repair
AUTOMOBILE-SEAT-COVER-AND-CONVERTIBLE-TOP INSTALLER
automobile-upholstery-trim installer
top-and-seat-cover fitter
AUTOMOBILE-SELF-SERVE-SERVICE-STATION ATTENDANT
cashier, automobile services
gasateria attendant
AUTOMOBILE-SERVICE MECHANIC I
automotive-service specialist
AUTOMOBILE-SERVICE-STATION ATTENDANT
automobile-service-station salesman
filling-station attendant
gasman
gasoline-station serviceman
gas-station attendant
gas tender
pumpman
salesman, gasoline
salesman, oil
service-station attendant
AUTOMOBILE-SERVICE-STATION MECHANIC
AUTOMOBILE-SLIP-COVER INSTALLER
AUTOMOBILE TESTER
AUTOMOBILE UPHOLSTERER
top-and-trim man
upholstery man

auto. ser.—continued

AUTOMOBILE-UPHOLSTERER APPRENTICE
passenger-car-upholsterer apprentice
upholsterer apprentice
AUTOMOBILE WASHER
AUTOMOTIVE AIR-CONDITIONER INSTALLER
AUTOMOTIVE-GENERATOR-AND-STARTER REPAIRMAN
AUTOMOTIVE-GENERATOR REPAIRMAN
AUTOMOTIVE-MECHANIC APPRENTICE
auto-and-truck-repairman apprentice
automobile-and-truck-mechanic apprentice
AUTOMOTIVE-STARTER REPAIRMAN
AUTO-PARTS DRIVER
BODY REPAIRMAN, BUS
body-and-seat inspector
body-shop mechanic
bus-body repairman
BODY TRIMMER
BONDER, AUTOMOBILE BRAKES
BRAKE ADJUSTER
BRAKE-DRUM-LATHE OPERATOR
machinist, brake
BRAKEMAN, AIR
BRAKEMAN, AUTOMOBILE
brake mechanic
brake repairman
brake-repair mechanic
brake-shoe man
BRAKEMAN, HYDRAULIC
BRAKE REPAIRMAN, BUS
BUS CLEANER
BUS INSPECTOR
motor-inspection mechanic
BUS MECHANIC
BUS UPHOLSTERER
CARBURETOR MAN
carburetion mechanic
carburetor repairman
CAR-RENTAL CLERK
CAR-WASH SUPERVISOR
CHASSIS INSPECTOR
CLUTCH REBUILDER
COMPRESSOR MECHANIC, BUS
CONNECTING-ROD BORER
connecting-rod borer and straightener
connecting-rod fitter
CYLINDER-BLOCK-HOLE RELINER
DELIVERYMAN, CAR RENTAL
floorman, car rental
washer driver
DIFFERENTIAL REPAIRMAN
DISPATCHER, CAR RENTAL
u-drive clerk
DOOR-ENGINE REPAIRMAN
DRIVE-SHAFT-AND-STEERING-POST REPAIRMAN
DYNAMOMETER TUNER
ELECTRICAL INSPECTOR
ELECTRICAL-UNIT REBUILDER
ELECTRICIAN, AUTOMOTIVE
ignition repairman
ELECTRICIAN, BUS
ELECTRICIAN FOREMAN, AUTOMOTIVE
ELECTRICIAN HELPER, AUTOMOTIVE
ignition-repairman helper
ELECTRIC GOLF-CART REPAIRMAN
ENGINE-HEAD REPAIRMAN
ENGINE INSPECTOR
ENGINE-REPAIR MECHANIC, BUS
FLAME DEGREASER
FLOOR SERVICE MAN, SPRING
FOREIGN-CAR MECHANIC
FOREMAN, ENDLESS TRACK COMBAT VEHICLE
FRONT-END MAN
alinement man
axle-and-frame man
chassis mechanic
frameman
wheel-alinement mechanic
GARAGE FOREMAN
automobile-mechanic foreman
mechanic, chief
transportation-department foreman
GARAGEMAN, INDUSTRIAL
garage-floor man
garage serviceman
gas-and-oil man
GIANT-TIRE REPAIRMAN
GLASS INSTALLER
auto glass worker
glass man
glazier
windshield man
HOSTLER
safety inspector, truck
IGNITION-AND-CARBURETOR MECHANIC
LUBRICATION MAN
greaser
lubrication salesman
lubrication technician
oiler
MACHINIST APPRENTICE, AUTOMOTIVE
MACHINIST, AUTOMOTIVE
MAIN-BEARING BORER
MANAGER, STORAGE GARAGE
MANAGER, VEHICLE LEASING AND RENTAL
MECHANICAL-UNIT REPAIRMAN
MECHANIC, ENDLESS TRACK COMBAT VEHICLE
MOTOR ANALYST
MOTOR ASSEMBLER
MOTORCYCLE REPAIRMAN
motorcycle mechanic
MOTOR-SCOOTER REPAIRMAN
MUFFLER INSTALLER
NEW-CAR GET-READY MAN
automobile make-ready mechanic
get-ready man
make-ready mechanic
PAINTER APPRENTICE, AUTOMOBILE
PAINTER, AUTOMOBILE
paint sprayer
PAINTER, AUTOMOBILE, BRUSH
PAINTER HELPER, AUTOMOBILE
sander
sandman
PARKING-LOT ATTENDANT
automobile parker
parking attendant
parking-lot yardman
parking-station attendant
spotter
PARKING-LOT CHAUFFEUR
parking-lot runner
PROPULSION-MOTOR-AND-GENERATOR REPAIRMAN
RADIO INSTALLER, AUTOMOBILE
SASH REPAIRMAN, BUS
SERVICE MANAGER
SERVICE-PARTS DRIVER
SERVICE REPRESENTATIVE
SHOP ESTIMATOR
SPEEDOMETER REPAIRMAN
SPRING REPAIRMAN, HAND
automobile-spring repairer
SPRING-REPAIRMAN HELPER, HAND
spring-fitter helper
spring-maker helper, hand
tear-up man, spring
SQUEAK, RATTLE, AND LEAK MAN
STEAM CLEANER
automobile washer, steam
steam nozzleman
STORAGE-GARAGE ATTENDANT
STOREROOM CLERK, GARAGE SUPPLIES
TAXIMETER REPAIRMAN
TIRE BUFFER
buffer
TIRE BUILDER
retreader
tire rebuilder
TIRE CHANGER
TIRE CHANGER, ROAD SERVICE
TIRE GROOVER
groover, hand
regroover
tread groover
TIRE INSPECTOR
TIRE MOLDER
curing finisher
moldman
retread-mold operator
steam man
TIRE RECAPPER
TIRE-REGROOVING-MACHINE OPERATOR
TIRE REPAIRMAN
tire-and-tube repairman
tire-and-tube serviceman
tire fixer
tireman
tire serviceman
TIRE-SERVICE FOREMAN
manager, tire service
TIRE VULCANIZER
cementer
patcher
TIRE WRAPPER
TOP INSTALLER
TOWER-CONTROL MAN
automobile-repair control operator
control-tower operator
work coordinator
TOW-TRUCK OPERATOR
tow-car driver
towman
wrecker operator
TRAILER-RENTAL ATTENDANT
TRANSMISSION MECHANIC
TREAD CUTTER
TRUCK-BODY BUILDER
body builder
TRUCK-BODY-BUILDER APPRENTICE
custom-body-builder apprentice
truck-and-trailer-body-builder apprentice
TRUCK MECHANIC
TRUCK-MECHANIC HELPER
TRUCK-REPAIR SERVICEMAN
TUNE-UP MAN
UNDERCOATER
WHEELWRIGHT
WINDSHIELD-WIPER REPAIRMAN

bake. prod.—BAKERY PRODUCTS INDUSTRY: Included in this industry are occupations in the production of breads, biscuits, crackers, cakes, pies, pastries, and other bakery products as carried on in commercial and manufacturing bakeries.

BAKER
BAKER APPRENTICE
BAKER HELPER
BAKERY FOREMAN
BAKERY-MACHINE MECHANIC
BAKERY-WAGON DRIVER
BAND-SAW OPERATOR, CAKE CUTTING
BAR-MACHINE OPERATOR
BATTER MIXER
controls man
mixing-machine attendant
BATTER-MIXER HELPER
BATTER SCALER
batter depositor
depositing-machine operator
divider
scaling-machine operator
BENCH HAND
baker, bench
dough molder, hand
BENCH-HAND HELPER
BLENDER
bolter
flour blender
flour mixer
mill operator
BREAD DOUGH MIXER
BREAD FOREMAN
BREAD ICER
BREAD-PAN GREASER
BREAD SLICER, MACHINE
BREAD-WRAPPING-MACHINE FEEDER
BROTH MIXER
broth setter
CAKE-BATTER MIXER
CAKE-BATTER SCALER
CAKE CUTTER, MACHINE
CAKE DECORATOR
pastry decorator
CAKE FOREMAN
CAKE ICER
CAKE-PAN GREASER
CHECKER, BAKERY PRODUCTS
bread packer
CHOCOLATE TEMPERER
chocolate maker
chocolate-mixer operator
COOKY-AND-CRACKER-MACHINE-OPERATOR HELPER
COOKY MIXER
COOKY-MIXER HELPER
CONE BAKER, MACHINE
CONVEYOR OVENMAN
COOKER, PIE FILLING
CRACKER-AND-COOKY-MACHINE OPERATOR
machine captain
CRACKER-DOUGH MIXER
CRACKER SPRAYER
spray-machine man
DECORATOR
decorator, hand
ornamenter
DEPOSITING-MACHINE OPERATOR I
filling-machine operator
marshmallow-machine man
spreading-machine operator
DESSERT-CUP-MACHINE FEEDER
DIVIDING-MACHINE OPERATOR
roll dough divider
roll-machine operator
DIVIDING-MACHINE-OPERATOR HELPER
DOG-FOOD DOUGH MIXER
DOUGH-BRAKE-MACHINE OPERATOR
DOUGH FEEDER
DOUGH MIXER
mixing-machine attendant
DOUGH-MIXER HELPER
DOUGH-MIXER OPERATOR
control-panel operator
panel man
DOUGHNUT-BATTER MIXER
DOUGHNUT-DOUGH MIXER
DOUGHNUT ICER
DOUGHNUT-MACHINE OPERATOR
cruller maker, machine
doughnut-cooking-machine operator
doughnut man
fried-cake maker
DOUGHNUT-MACHINE-OPERATOR HELPER
DOUGHNUT MAKER
baker, doughnut
cruller maker
DOUGHNUT-MAKER HELPER, HAND
DOUGH WEIGHER
DRAWPLATE OVENMAN
DROP-MACHINE OPERATOR
DUSTER
ENROBING-MACHINE OPERATOR
chocolate-coating-machine operator
chocolate-dipping-machine operator
enrober
FIG-BAR-MACHINE OPERATOR
FLOORMAN
FLOUR-BLENDER HELPER
FOREMAN, BAKERY SANITATION
FOREMAN, DAIRY SANITATION
FOREMAN, SANITATION
sanitarian
sanitation foreman
FOREMAN, SHIPPING
FRUIT MIXER
GRAIN-WAFER-MACHINE OPERATOR
ICER, HAND
decorator
finisher
froster
ICER, HAND—Continued
icing man
icing spreader
ICER HELPER, HAND
ICER, MACHINE
finisher
froster
icing-machine operator
ICING MIXER
filler mixer
INGREDIENT SCALER
assemblyman
batch man
flour man
general assembler
ingredient man
ingredient mixer
scaling man
INGREDIENT-SCALER HELPER
LABORER, BAKERY
belt conveyor loader
biscuit packer
packer helper
weight checker
LABORER, PIE BAKERY
MOLDING-MACHINE OPERATOR
MOLDING-MACHINE-OPERATOR HELPER
OVENMAN
OVENMAN (bake. prod.; cereal)
baker operator, automatic
OVENMAN HELPER
OVENMAN HELPER (bake. prod.; cereal)
PAN CLEANER, HAND
PAN DUMPER
PAN GREASER, HAND
PAN GREASER, MACHINE
mold boy
pan cleaner and greaser, machine
PASTRY MIXER
PEEL OVENMAN
PIE BOTTOMER
PIE-CRIMPING-MACHINE OPERATOR
PIE-CRUST MIXER
PIE-DOUGH ROLLER
PIE FILLER
PIE-FILLING MIXER
PIE ICER
PIE MAKER, MACHINE
PIE TOPPER
PLANT HOSTESS
POT WASHER
PRETZEL COOKER
PRETZEL-DOUGH MIXER
PRETZEL-STICK-MACHINE OPERATOR
PRETZEL TWISTER
PRETZEL-TWISTING-MACHINE OPERATOR
QUALITY-CONTROL GIRL
RACK PULLER
REEL OVENMAN
ROLL ICER
ROTARY-MACHINE OPERATOR
ROTARY-PEEL OVENMAN
SLICING-MACHINE OPERATOR
STICKER
base pinner
pinner
SUGAR-WAFER-MACHINE OPERATOR
SWEET-DOUGH MIXER
SWEET-GOODS-MACHINE OPERATOR
bench hand, machine
dough sheeter
TROLLEY OPERATOR

WAFER-BATTER MIXER
WAFER CUTTER
WAFER-MACHINE OPERATOR
gasman
WAFER-MACHINE OPERATOR—Continued
waffle baker
waffle-machine operator

bal. & scales—BALANCES AND SCALES INDUSTRY: This industry includes occupations concerned with the manufacture of scales and balances of all types (stationary and portable, light and heavy, spring and beam, counter and platform) and weighing machinery. Coin-operated mechanisms for weighing, laboratory scales and weights, and scale parts are also covered by this industry.

AGATE SETTER
ALINEMENT ASSEMBLER AND REPAIRMAN
ASSEMBLER
BALANCER, SCALE
COMMODITY-PLATE-EQUIPMENT OPERATOR
machine operator, commodity plates
ELECTRONIC ASSEMBLER AND TESTER
ELECTRONIC-SCALE ASSEMBLER AND TESTER
ELECTRONIC-SCALE SUB-ASSEMBLER
LITHOGRAPHER
MOLDING-PRESS OPERATOR
PAINT - AND - SOLUTION MIXER
PRINTING-PRESS OPERATOR
RETOUCHER
SCALE ASSEMBLER, CYLINDER
SCALE ASSEMBLER, FAN
SCALE ASSEMBLER, INDUSTRIAL
SCALE ASSEMBLER, PROJECTED INDICATION
SCALE ASSEMBLER, RETAIL
SCALE BALANCER, CYLINDER
SCALE BALANCER, FAN
SCALE BALANCER, INDUSTRIAL
SCALE BALANCER, PROJECTED INDICATION
SCALE BALANCER, RETAIL
SCROLL ASSEMBLER
SEALER
TECHNICAL INSTRUCTOR, BALANCES
TIE-UP MAN

banking—BANKING INSTITUTIONS: Covered by this designation are occupations concerned with the operation of banking institutions, of which the principal types are national banks, state banks, private banks, savings banks, industrial banks, and Federal Reserve banks.

ACCOUNT ANALYST
ACCOUNTING CLERK, PAY ROLL
ACCOUNTING CLERK, TRUST
ADVICE CLERK
ASSET-CARD CLERK
BANK CASHIER
BANK PRESIDENT
BATCH CLERK
BOND ANALYST
BOND CASHIER
BOND CLERK
BOND TRADER
BURROUGHS PROOF-MACHINE OPERATOR
CHECKING CLERK
CITY - CASH - COLLECTION CLERK
CITY-COLLECTION CLERK
CHRISTMAS-CLUB BOOKKEEPER
CLEARING-HOUSE CLERK
clearing - distribution clerk
COIN COUNTER
COIN-MACHINE OPERATOR
COIN SEPARATOR
COIN WRAPPER
COLLATERAL - AND - SAFE-KEEPING CLERK
collateral clerk
COMMODITY-LOAN CLERK
COUNTRY-COLLECTION CLERK
COUPON CLERK
COUPON - COLLECTION CLERK
COUPON - MANIFEST CLERK
COUPON-TICKETING CLERK
CREDIT ANALYST
CREDIT ANALYST, CHIEF
senior credit analyst
CURRENCY SORTER
currency-machine operator
DISCOUNT BOOKKEEPER
EXCHANGE CLERK
FOREIGN - COLLECTION CLERK
FOREIGN - EXCHANGE CLERK
FOREIGN - EXCHANGE CODE CLERK
code and test clerk
letters of credit issuer
FOREIGN - EXCHANGE TRADER
international - banking officer
IBM PROOF - MACHINE OPERATOR
INSURANCE CLERK I
INSURANCE CLERK II
INTEREST-ACCRUAL BOOKKEEPER
INTEREST CLERK
payment clerk, contracts
INVESTMENT-BOND CLERK
INVESTMENT - BONDS BOOKEEPER
LETTER-OF-CREDIT CLERK
LOAN-APPLICATION CLERK
LOAN COUNSELOR
loan-servicing officer
LOAN OFFICER
LOAN OFFICER (banking; finan. inst.)
MANAGER, BRANCH BANK
MANAGER, CONSUMER CREDIT
MANAGER, FINANCIAL INSTITUTION
MANAGER, SAFE DEPOSITS
MANAGER, STATEMENT CLERKS
MANAGER, TRUST COMPANY
MARGIN CLERK
MESSENGER, BANK
collector
MORTGAGE CLERK
NCR PROOF - MACHINE OPERATOR
NEW-ACCOUNTS TELLER
OPERATIONS OFFICER
OPERATIONS OFFICER, PERSONNEL
OPERATIONS OFFICER, TRUST
OUT-CLEARING CLERK
OUTLAW - LOAN - RECORD CLERK
PROBATE CLERK
PROOF-MACHINE OPERATOR
proof clerk
proof operator
RECONCILEMENT CLERK
RECORDS CUSTODIAN
REGISTERED-MAIL CLERK
REMITTANCE - ACCOUNT CLERK
REMITTANCE CLERK
RESERVE OFFICER
RESERVES CLERK
RETURNED-ITEM CLERK
ROUTING CLERK
SAFE-DEPOSIT-BOX BOOKKEEPER
SAFE-DEPOSIT CLERK
access clerk
SALESMAN, FINANCIAL SERVICE
SAVINGS-BOND CLERK
SAVINGS BOOKKEEPER
SECURITIES CLERK
SECURITIES TRADER
SECURITY-INDEX CLERK
SETTLEMENT CLERK
SORTING CLERK
STATEMENT CLERK
STOCK CASHIER
STOCK TRADER
STOCK-TRANSFER CLERK
corporate-trust clerk
STOCK-TRANSFER CLERK, HEAD
TELLER
general teller
TELLER, BOND
TELLER, COLLATERAL
TELLER, COLLECTION AND EXCHANGE
TELLER, COLLECTION AND EXCHANGE, HEAD
TELLER, COMMERCIAL NOTE
TELLER, CONTRACT COLLECTIONS
TELLER, DISCOUNT
TELLER, DOMESTIC EXCHANGE
TELLER, FOREIGN EXCHANGE
TELLER, FOREIGN EXCHANGE, HEAD
TELLER, HEAD
TELLER, MAIL CREDIT
TELLER, NOTE
TELLER, NOTE, HEAD
TELLER, PAYING AND RECEIVING
TELLER, PAYING AND RECEIVING, HEAD
TELLER, PAY ROLL
TELLER, REAL ESTATE LOAN
TELLER, RETURN ITEMS
TELLER, SAVINGS
TELLER, SAVINGS, HEAD
TELLER, SPECIAL DEPOSITS
TICKETING CLERK
TRANSIT AND COLLECTION CLERK
collection and transit clerk
TRANSIT CLERK
TRANSIT CONTROL CLERK
TRANSIT DRAFT CLERK
TRANSIT ENDORSEMENT CLERK
TRANSIT LISTER
TRUST BOOKKEEPER
TRUST-COLLECTION CLERK
TRUST-INVESTMENT CLERK
TRUST-MAIL CLERK
TRUST OFFICER
trust administrator
TRUST-REMITTANCE CLERK
TRUST-VAULT CLERK
securities auditor
vault custodian
VAULT ATTENDANT
safe-deposit attendant
VICE PRESIDENT, BANK
branch manager
manager, department
WIRES-TRANSFER CLERK

basketry—BASKET AND RATTAN AND WILLOWWARE INDUSTRY: This designation covers occupations in the manufacture of baskets of all kinds, and other articles of rattan, reed, and willow, except furniture. The principal products are coffee drums; fruit, flower, and berry baskets; hampers; rattan and cane webbing; and wicker and splint trays.

BACK-ROLL-LATHE OPERATOR
BASKET ASSEMBLER
basket maker
BASKET-BOTTOM-MACHINE OPERATOR
BASKET-BOTTOM-ROUNDING-MACHINE OPERATOR
BASKET FINISHER AND INSPECTOR
mender
BASKET GRADER
BOTTOM MAKER
BRAIDER
CIRCLE-CUTTING-SAW OPERATOR
bottom turner
COVER-MACHINE OPERATOR
COVER-MAT-MACHINE OPERATOR
HAMPER MAKER
HAMPER MAKER, MACHINE
HANDLE BENDER
HANDLE-MACHINE OPERATOR
HOOP-COILING-MACHINE OPERATOR
LOG COOKER
steam-vat tender
vatman
wood cooker
LOOP-MACHINE OPERATOR
MARKET-BASKET MAKER
MARKET-BASKET MAKER, MACHINE
MAT-MACHINE MAN
RATTAN WORKER
SHINGLE-SAW OPERATOR
SLAT-BASKET MAKER, MACHINE
basket-factory machine hand
basket-machine operator
SLAT-BASKET-TOP MAKER
STAVE-MACHINE OPERATOR
slat sawyer
STITCHER OPERATOR
TURNING-MACHINE OPERATOR
rounder
rounding-machine operator
turner
turner-machine operator
TURNING-MACHINE-OPERATOR HELPER
VENEER-LATHE OPERATOR
rotary-slicing-machine operator
VENEER-LATHE OPERATOR—Continued
rotary-veneer-machine operator
veneer cutter
veneer-machine operator
VENEER-STOCK GRADER
WEAVER
basket maker
wicker worker
WEB LAYER
WILLOW WORKER

boilermaking—BOILERMAKING: Covered by this designation are occupations that are concerned with such processes as the assembly, fabrication, and repair of boilers, smokestacks, tanks, and other vessels made of heavy steel plate. Such processes are frequently carried on in independently operated boiler shops, but also are performed by organizations in other lines of activity. This designation covers such processes wherever they occur, except such processes that are peculiar to individual industries. Structural steel work is included under STRUCTURAL AND ORNAMENTAL METALWORK (struct. & ornam. metalwork).

BOILERMAKER I
boilermaker, assembly and erection
BOILERMAKER II
boilermaker, shop
BOILERMAKER APPRENTICE
BOILERMAKER FITTER
BOILERMAKER FOREMAN
boilermaker quarterman
BOILERMAKER HELPER I
BOILERMAKER HELPER II
BOILERMAKER HELPER, ASSEMBLY AND ERECTION
BOILERMAKER LOFTSMAN
boilermaker layer-out
BOILERMAKER MECHANIC
boilermaker
BOILERMAKER WELDER
welder, certified
BOILER-SHOP HELPER

bone, carbon, & lampblack—BONE BLACK, CARBON BLACK, AND LAMPBLACK INDUSTRY: This industry includes occupations concerned with the manufacture of bone black, carbon black, and lampblack. Bone black, also known as char or animal charcoal, is produced by the carbonization of bone in retorts; carbon black by the partial combustion of natural gas, oil, or mixture of both; and lampblack by the partial combustion of such materials as coal or wood tar, petroleum products, and rosin.

BAG PRINTER
BLACK-MILL OPERATOR
BONE-CHAR OPERATOR
retort-feeding conveyor man
BONE-PROCESS OPERATOR
DRUM-DRIER OPERATOR
DUSTLESS OPERATOR
beader tender
pelletizer tender
EXTRACTOR-PLANT OPERATOR
FILTER HELPER
FIREMAN, FURNACE
FLASH-DRIER OPERATOR
FOREMAN, BONE PLANT
bone plant foreman
FOREMAN, CHANNEL PROCESS
FOREMAN, FURNACE PROCESS
FURNACE HELPER
weight man
GRANULAR HELPER
GRANULAR OPERATOR
HOT-HOUSE OPERATOR
PLANT OPERATOR, CHANNEL PROCESS
PLANT OPERATOR, FURNACE PROCESS
POWERHOUSE HELPER
RABBLE FURNACEMAN
RETORT MAN, GROUND BONE
TRAY-DRIER OPERATOR
UNIT OPERATOR
plant-operator helper
WASH HELPER
WASH OPERATOR

boot & shoe—BOOT AND SHOE INDUSTRY: This industry includes occupations concerned with the manufacture of boots, leggings, moccasins, sandals, shoes, slippers, and allied footwear, made of canvas and other textile fabrics, and leather. The industry also includes the manufacture of such boot and shoe cut-stock and findings as are made of leather, textile fabrics, and artificial leathers, leather welting, shanks, heel and toe caps, leather shoe laces, finished wooden heels, and other boot and shoe findings. The manufacture of complete rubber footwear is included in the RUBBER GOODS INDUSTRY (rubber goods).

AMAZEEN SKIVER
ANTIQUER
ANTISQUEAK FILLER
antisqueak applier
antisqueak chalker
chalker, soles
flare chalker
ANTISQUEAK FILLER—Con.
outsole paraffiner
APRON TRIMMER
ARCH-PAD CEMENTER
ASSEMBLER FOR PULLER-OVER, HAND
back tacker

boot & shoe—continued

Assembler for Puller-Over, Hand—Continued
hand assembler
laster, hand
Assembler for Puller-Over, Machine
counter and upper tacker
machine assembler
Assembler, Sandal Parts
Backer
Backer Cutter, Hand
Back-Seam Stitcher
Back-Shoe Girl
back-heel girl
Back-Shoe Stitcher
Backstay Stitcher
Ball-Point Splitter
Band Splitter
Barrer and Tacker
Bed Laster
lasting-machine operator, bed
toe and heel laster
Binding Cementer, French Cord
Binding Dyer
Binding Folder, Machine
braid folder
Binding Nicker
Binding Stitcher
binder
binding-machine operator
braid stitcher
flat binder
piping stitcher
Blemish Remover
color repairer
dull shoe repairer
filler
leather repairer
repairer
Blind Eyeletter
Blind Hooker
Blocker-Paster and Joiner
Blucher Inspector
Bobbin Winder, Machine
Boothco Trimmer
Booth Folder
booth folding-machine operator
fold skiver
tip cementer
Boot Trimmer
Bottom Bleacher
bleacher
bottom scrubber
Bottom Buffer
Bottom Burnisher
Bottom Cementer
Bottom Cleaner
Bottom Filler
cushion cementer
insole-bottom filler
insole filler
Bottoming-Room Foreman
Bottoming-Room Inspector
Bottom Pounder, Cement Shoes
Bottom Presser
bottom ironer
burnisher
ironer, bottoms
presser, bottoms
Bottom Stamper
Bottom Wheeler
bottom beader
bottom decorator
bottom jigger
bottom knurler
bottom striper
seat wheeler
Bow Maker
Bow Stapler
Box-Toe Buffer
Box-Toe Cutter
Box-Toe Fitter
Box-Toe Gummer
Box-Toe Stitcher
Breast Buffer
Brusher I
edge brusher
Buckler and Lacer
lacer and buckler
Buckle Sewer, Machine
buckle fastener
buckle stitcher
button stitcher
Buckle Stapler
Buckle Strap Puncher
Buckram Cutter
Buffer
brusher
buffing-machine operator
cuffer
polisher
rasper-machine operator
remover
roughener
ruffer
sander
sander and polisher
scourer
Burnisher I
brusher
finisher
polisher
Buttonhole Maker
California Seamer
Carton Marker, Machine
box marker
box stamper, machine
Caser, Shoe Parts
bundle assembler
caser
counter caser
matcher
pairer
parts binner
serviceman, shoe parts
stock sorter
tier and buncher
Casual-Shoe Inspector
Cementer and Folder, Machine
french-binding folder
plastic-machine folder
quarter folder
thermo - cementing - folder operator
Cementer for Folding, Hand
Cementer for Folding, Machine
Cementer, Hand
gluer
gummer
material combiner
paster
Cementer, Machine Applicator
Cementer, Machine Joiner
attacher
beater
folding-machine operator
joiner
layer
setter
taper
Channel Cementer, Insole, Machine
Channel Cementer, Outsole
Channel Cementer, Outsole, Machine
Channel Closer, Outsoles, Machine
channel - closing - machine operator
channel layer
closer
Channeler, Insole
lock-stitch channeler
welt-insole channeler
Channeler, Outsole
Channel Opener, Outsoles
channel turner
Channel Rougher
Checker-In
Ciaio-Counter Molder
Ciaio-Lumite Injector
Clicking-Machine Operator, Outers
machine-shoe cutter
outside clicker
shoe cutter
Cobbler
shoe repairer
shoe stitcher, odd
Cobbler, McKay
Cobbler, Sole
Cobbler, Upper
Color Matcher
heel sprayer, first
uniformer
Complaint Clerk
repair clerk
returns clerk
Compo-Conveyor Operator
Concaving-Machine Operator
concaver
Counter Buffer
Counter Cutter
counter maker
Counter Former
forming-machine operator
Counter Molder I
Counter-Pocket Sewer
Counter-Pocket Stitcher
Counter Roller
Cover Cutter, Hand
Cover Maker
Crepe-Sole Scourer
Crepe-Sole Wire Brusher
Cripple Cutter
back-shoe cutter
odd-shoe cutter
odd-work cutter
Cripple Worker
odd-shoe girl
Custom-Shoe Designer and Maker
Cut-Out-and-Marking-Machine Operator
Cut-Out-Machine Operator
cut-out-press operator
die-out-machine operator
gang-punch operator
puncher
Cut-Out Stitcher
Cut-Out Worker
Cutting-Room Foreman
Designer and Patternmaker
model maker
master-pattern maker
Die-Rack Boy
Dope Edger
Double Cutter
Double-Needle Stitcher
Dresser
luster repairer
quarter doper
shoe dresser
Dress-Shoe Inspector
Drying-Rack Changer
Dust Brusher
bottom duster
brush cleaner
upper brusher
Edge Burnisher, Uppers
edger
upper edger
Edge Inker, Linings
Edge Inker, Outsoles, Hand
Edge Inker, Uppers
Edge Polisher
brusher, edge
Edge Setter
edge burnisher
edge kitter
Edge Setter, Heel Lift
Edge Stitcher
Edge Striper
Edge Trimmer
apex trimmer
edge-trimming-machine operator
margin trimmer
outsole trimmer
sole pretrimmer
Edge Waxer
Embosser
printer
stamper
English-Binding Stitcher
Eppler Welter
Eyelet-Row Marker
Fairstitcher
Fancy Paster
Fancy Stitcher
applique stitcher
blind-row stitcher
etching stitcher
eyelet-row stitcher
harness stitcher
slipper fitter
space-row stitcher
trimming stitcher
Fancy-Stitch Marker
Fastener, Machine
anchor tacker
fastener
nailer
puncher
puncher and fastener
riveter
sewer
stapler
tacker
Featheredger and Reducer, Machine
featheredge-machine operator
forepart-edge reducer
forepart reducer
outsole beveler
outsole skiver
Fiber-Heel-Piece Shaper
Findings Assembler
Finger Cobbler
leather repairman
Finishing Trimmer
cover cutter
cover remover
goring cutter
gusset ripper
Fitting Repairer
Fitting-Room Foreman
Fitting-Room Inspector
Fitting-Room Maintenance Mechanic
Flamer
shoe singer
singeing-torch operator
singer and unloader
Flare Breaker
cookie breaker
Flare Stitcher
Flatbed Stitcher
Floorworker, Lasting
Folder, Hand
flat folder
Folder, Machine
cover creaser
edge beader
folding-machine operator
wrapper laster
Foreman
Foreman, Packing
packing foreman
Forepart and Shank Beader, McKay Cement
Forepart Laster
ball laster
Forepart Rasper
Fortuna Skiver
Fortuna Splitter
French-Binding Folder I
French-Binding Stitcher
Golf-Shoe-Spike Assembler
golf-stud riveter
spiker, outsoles
Goodyear Stitcher
Goodyear Stitcher, Stitchdowns
Goodyear Welter
Gore Inserter
Gore Stapler
Groover and Turner
Hammerer, Tab
Hand Sewer, Shoes
hand trimmer
kicker sewer
lacer, hand, moccasin
moccasin sewer
Heel Assembler
Heel Attacher, Wood
wood - heel - attaching-machine operator
wood-heel cementer
Heel Breaster, Leather
Heel Buffer
Heel Builder, Hand
Heel Builder, Machine
heel-building-machine operator
lift builder, whole
push-up-machine operator
Heel Burnisher
Heel Cementer, Insole
Heel Cementer, Machine
Heel Compressor
heel-compressor operator
heel molder
Heel Coverer
Heel Cover Splitter
Heel Dipper
Heel Dipper, Insole
insole dipper
Heel-Edge Inker, Machine
Heel-Emery Man
Heel Enameler and Inker
Heeler, Machine
Heel Gouger
Heel Gummer
Heel Layer
Heel-Lift-Beam Cutter
Heel-Lift Gouger
Heel-Lining Paster
Heel Marker
Heel-Nailing-Machine Operator
Heel-Nail Rasper
Heel Padder
Heel Pricker
Heel Reducer
Heel-Room Foreman
Heel Sander, Rubber
Heel Scorer
heel-breast scorer
heel-scoring-machine operator
score marker
Heel-Seam Rubber
Heel-Seat Filler
Heel-Seat Fitter, Hand
cutter-in
heeler, wood, hand
heel fitter, hand
wood-heel fitter, hand
Heel-Seat Fitter, Machine
cutter-in
heel fitter, machine
wood-heel fitter, machine
Heel-Seat Flap Stapler
Heel-Seat Laster, Machine
Heel-Seat-Paper Remover
Heel-Seat Pounder
Heel-Seat Sander
Heel-Seat Trimmer
Heel Slicker
Heel Splitter
Heel Sprayer
Heel Sprayer, Machine sprayer
Heel Top-Lift Splitter
Heel Trimmer
Heel Wetter, Glue and Water Glass
Heel Wheeler
Hide Buffer
High-Heel Builder
Hole Puncher, Strap
Inker
dyer
enameler
ragger
sponger
striper
waxer
Inker, Machine
edge blacker, machine
edge dyer
edge stainer, machine
heel stainer
sole blacker
sole dyer
Inseam Trimmer
inner seamer
inseam - trimming - machine operator
margin trimmer
side trimmer
welt trimmer
Insole-and-Outsole Grader
Insole-and-Outsole Splitter
Insole-and-Upper Cementer
Insole Beveler
Insole Buffer
Insole-Canvas Assembler
Insole-Canvas Cutter
Insole Cementer
Insole Cementer, Stitchdowns
Insole Coverer
Insole Cutter, Machine
Insole-Lining Paster
Insole-Lip Turner
Insole Rasper
Insole Reinforcer
insole-cloth trimmer
insole gemmer
insole-reinforcing-machine operator
trimmer and reinforcer
Insole Sander

Insole Stiffener and Heel-Dipper
channel-lip stiffener, insoles
rib-stiffener and heel-dipper
Insole Tacker
Insole Taper
Insole Tape Stitcher, Uco
Insole-Toe-Snipping-Machine Operator
Inspector
examiner
Interlacer II
hand lacer
weaver
Job Putter-Up and Ticket Preparer
Joint Cutter
Joint Cutter, Machine
joiner
jointer, machine
joint maker, machine
Joint Sander
Kamborian Operator
Label Stitcher
Laborer, Boot and Shoe
Lacer I
lace girl
Lacer II
interlacer
lacing-machine operator
Lacing-String Cutter
string cutter
Last Chalker
last dipper
last greaser
last waxer
Last Cleaner
Laster, Hand I
Lasting-Machine Operator, Hand Method
counter tacker
Lasting-Room Foreman
Last Picker
Last Puller, Hand
last remover
Last Puller, Machine
Last Putter-Away
dead header
returner, lasts
Last Repairman
last grinder
last repairer
Last-Repairman Helper
Layer-Out for Edge Stitcher
Lining Cleaner
Lining Closer
Lining Cutter, Machine
Lining Fitter
Lining Inspector
Lining Ironer
Lining Marker
Lining-Repair Cementer
Lining Repairer
Lining Stitcher
Lining Strap Closer
Lining Trimmer
Lining Vamper
Lip Cutter and Scorer
Lip-of-Shank Cutter
Littleway Stitcher
Lock Stitcher
Louis-Heel Fitter
Low-Heel Builder
Lumite Injector
compound-machine operator
squirt-machine operator
Marker, Hand
cut-out marker
upper marker, hand
Marker, Machine
machine tracer
marking-machine operator
Mater
McKay Stitcher
Mender
Metatarsal-Pad Setter
Mitchell-Heel Builder
Model Fitter
Molder, Shoe Parts
conformal pad former
plastic insert molder
Multiple-Needle Stitcher
Nail Welter
Naumkeag Operator
Naumkeag buffer
Naumkeag finisher
Naumkeager
Neolite-Special-Edge Inker
Neverslip Stitcher
Nicker
snipper
Odd-Shoe Girl I
fitting-room odd-shoe girl
Open-Shank Coverer
Ornament Cementer
Ornament Stapler
Orthopedic Boot-and-Shoe Designer and Maker
Outside Cutter, Hand
carver
hand shoe cutter
modeler
sample cutter
shoe cutter
upper cutter-out
upper-leather cutter
vamp-and-whole-shoe cutter, hand
Outsole Cementer, Hand
Outsole Cementer, Machine
Outsole Cutter, Machine
Outsole Flexer
knox-block flexer
Outsole Scheduler
Outsole-Stock Sorter
Outsole Tacker
Packing-Room Inspector
Painter, Bottom
bottom stainer
sole stainer
Paper Cementer
Parts-Checker and Distributor
Perforator
Pinking-Machine Operator
pinker
Piping Blocker I
Platform Cementer
Platform Coverer
Platform Presser
Platform Spotter
Platform Stapler
Platform Stitcher
Plug Stitcher
Pluma Skiver
Postbed Stitcher
Power-Hammer Operator
Potdevin Cementer, Machine
Pounder
jollier
Prime-Folding-Machine Operator
Puller and Laster, Machine
Puller-Over, Machine
Puritan Vamper
Quarter Backer
Quarter Former
Quarter Inspector
Quarter-Lining Smoother
Quarter-Lining Stitcher
Rand Cementer
Rand Doubler
Rander-Out, Soles
Rand Gluer
Rand Sewer
Rand Tacker
Rand Wheeler
Rapid-Outsole Stitcher
Rasper
Respro Worker
Rolled Seat Trimmer
Rotary Cutter
piping blocker
Rough-Rounder, Machine
forepart rounder
rounder
sole rounder
Rougher for Cement
Rounder I
insole rounder
sole rounder
sole-rounding-machine operator
Russet Repairer
Saddle-Lining Stitcher
Saddle Stitcher
Sampleman
Sample-Shoe Fitter
Scrap Sorter
heeling trimmer
offal trimmer
scrap trimmer
skiving sorter
stock trimmer
Screw Remover
Seam-Press Operator
Seam-Rubbing-Machine Operator
counter molder
rubber and pounder
seam roller
shoe hammer
smoothing-machine operator
Seam-Stay Paster
Seam-Stay Stitcher
seam stayer
Seam Taper, Machine
Seat Trimmer
Shadow Sprayer
Shank Beveler
Shank Burnisher
Shank Cementer, Hand
Shank Inspector
shank picker
shank sorter
Shank-Piece Tacker
shanker
shank-piece placer
shank tacker
Shank Sander
Shank Stapler
Shank Stitcher
Shank Striper
Shank Taper
shank paperer
Shoe Cleaner
shoe polisher
treer
Shoe Coverer
Shoe Designer
designer
Shoe Fitter, Custom Made
Shoe-Lay-Out Man
shoe planner
Shoemaker, Custom
Shoe Packer
shoe handler
Shoe-Parts Cutter
Shoe Sorter
Shoe Turner
Side Facing Paster
Side Laster, Cement
kamborian laster, machine
Side Laster, Staple
side stapler
staple laster
Side Laster, Tack
Silk-Lining Cutter, Machine
Single-Beam Clicker
Single-Needle Stitcher
Size Marker, Hand
Sizer
Skiver, Blockers
clark skiver
stripping skiver
Skiver, Box-Toe
Skiver, Counter
Skiver, Flare
Skiver, Heel Tap
Skiver, Machine
beveler
edge skiver
scarfer
skiving-machine operator
Skiver, Sock Linings
Skiver, Tuck
Skiver, Uppers or Linings
Skiver, Welt-End
Slip Laster
last inserter
relaster
Sock Liner
Sock-Lining and Heel-Pad Embosser
Sock-Lining Examiner
Sock-Lining Getter
Sock-Lining Stitcher
Sole Assembler
Sole Buffer
Sole-Conforming-Machine Operator
archer
molder
outsole or insole molder
sole-molding-machine operator
Sole-Cutting-Machine Operator
Sole-Edge Inker, Machine
Sole Layer
Sole Layer, Hand
Sole-Leather-Cutting-Machine Operator
Sole Leveler, Machine
beater-out, leveling machine
inseam leveler
leveler
leveling-machine operator
outsole leveler
sole-leveling-machine operator
Sole Rougher
Sole Scraper
shank scraper
Sole Sewer, Hand
Sole Sorter I
Sole Sorter II
insole or outsole sorter
insole sorter
stock sorter, sole
Sole Splitter
Sole Stapler, Welt
Sole Stitcher
Sole Wetter
damper
muller
sole temperer
sole treater
stock temperer
Sole Wetter—Con.
stock wetter
temperer
Solvent Applier, Cement Shoes
Splitter, Machine
shaver
splitter
stripper
Sprayer I
Stamping-Machine Operator
lining stamper
outside marker
upper stamper
Steel-Box-Toe Inserter
Stitch Cleaner
Stitcher, Machine
Stitcher, Special Machine
inseamer
stitcher
vamper
welter
Stitcher, Standard Machine
closer
fitter
joiner
maker
seamer
sewer
stayer
stitcher
stitching-machine operator
Stitcher, Utility
stitcher, all-round
Stitch Separator
Stock Fitter
fitting-room operator
insole-and-outsole preparer
sole cutter
Strap-Lining Stitcher
Strap Stitcher
Stripping Cutter and Winder
Strip Presser
Suede Cleaner
Table Worker
Tack Puller, Hand
anchor-tack puller
insole tack-puller, hand
Tack Puller, Machine
nail puller
tack-pulling-machine operator
Taper, Machine
rub-down girl
stayer
taper
Tape Stitcher
Thread Laster
stitchdown-thread laster
stitchdown-thread lasting-machine operator
Ticket Scheduler
Tip Burnisher
Tip Finisher
Tip Puncher
Tip Stitcher
Toe-and-Heel-Seat Shellacker
Toe Former, Stitchdowns
box-toe flanger, stitchdowns
toe laster, automatic
Toe Laster, Automatic I
Toe-Lining Closer
Toe Pounder
Toe Stapler
Tongue and Quarter Stitcher
Tongue-Lining Stitcher
Tongue Presser
Tongue Stitcher
Top Former
top ironer
upper shaper
Top-Lift Cementer, Hand
Top-Lift Compressor
Top-Lift Cutter
Top-Lift Nailer
Top-Lift Scourer
Top-Lift Stock Getter
Top-Lift Trimmer
Toppiece Chopper
Toppiece Cutter
Top Stitcher
barber trimmer
pump stitcher
top closer
top-stitcher operator
undertrimmer
Top Taper, Machine
Top Trimmer
Tree Driller
Trimmer, Hand
cut-out man
featherer
fiddler, edges
skiver, hand
Trimmer, Machine
shaver
trimmer
Trimming Caser
Trimming Cutter, Hand
Trimming Cutter, Machine
Tuck-and-Insole Cementer
Twin-Beam Clicker
Uco-Upper Coverer
Underlay Stitcher
Unishank Molder
Upper-and-Bottom Lacer, Hand
bottom-and-upper lacer, hand
Upper and Lining Assembler
Upper Assembler
Upper Caser
Upper Cutter, Machine
Upper Doubler
Upper Getter
Upper Inspector
Upper-Leather Sorter
leather grader
Upper-Lining Cementer
Upper Muller
mull-house man
upper handler
upper temperer
Upper Packer and Sorter
Upper Stitcher
Upper Trimmer
Vamp Creaser
creaser
crimper
mold operator
Vamp Marker
Vamp Presser
Vamp Stitcher
Vamp-Strap Ironer
shoe ironer
Vamp Trimmer
Vulcanizer
Vulcanizing-Press Operator
Waterproofer
primer
Wedger, Children's Shoes
Welt Beater
platform beater
slasher
sole beater

boot & shoe—continued

WELT BUTTER, HAND
WELT BUTTER, MACHINE
rand butter
rand-butting-machine operator
WELT CUTTER
welt maker
WELTING STITCHER, FRONT
WELT ROUGHER
WELT-SOLE LAYER
WELT-STRIP CEMENTER, HAND
WELT-STRIP CEMENTER, MACHINE
WELT TREATER
WELT WHEELER
stitch fudger
stitch wheeler
WHITE-SHOE CLEANER
WHITE-SHOE EXAMINER
WHITE-SHOE RAGGER
WIDTH STRIPPER
WOODEN-HEEL BEVELER
WOODEN-LAST STAMPER
WOOD-HEEL BACK-LINER
quirk sander
WOOD-HEEL CEMENTER I
WOOD-HEEL COVER IRONER
WOOD-HEEL FINISHER
breast finisher
heel finisher
WOOD-HEEL-FLAP CEMENTER
WOOD-HEEL-FLAP INSERTER
WOOD-HEEL-FLAP RUBBER
WOOD-HEEL-FLAP TRIMMER
WOOD-HEEL SORTER
WRAP TURNER
WRAPPER STITCHER
WRINKLE CHASER
flamer, after lasting
ironer
presser
ZIG-ZAG STITCHER

brick & tile—BRICK, TILE, AND NONCLAY REFRACTORIES INDUSTRY: Covered by this designation are occupations concerned with the manufacture of building and paving brick; architectural terra cotta; floor, roofing, ceramic, mosaic, enamel, faience, and wall tile; sewer pipe and drain tile; crucibles; fire brick and fire clay products; and other clay and nonclay refractories except pottery and porcelain ware, which is included in the POTTERY AND PORCELAIN WARE INDUSTRY (pottery & porc.).

ADOBE MAKER
AUGER-PRESS OPERATOR
BATCH MIXER
clay puddler
mixer man
BISQUE-TILE BURNER
BLENDER OPERATOR
BRICK-AND-TILE-MAKING-MACHINE OPERATOR
BRICK-KILN BURNER
BRICKLAYER
kiln repairman
BRICK MOLDER, HAND
BRICK SORTER
BRICK TESTER
BURNING FOREMAN
brick burner, head
CLAY-DRY-PRESS HELPER
CLAY-DRY-PRESS-MIXER OPERATOR
CLAY-DRY-PRESS OPERATOR
CLAY MAKER
blunger-machine operator
clay mixer
clay washer
slip maker
slip mixer
wet mixer
CLAY MIXER
CERAMIC SPRAYER
COLORER
hand decorator
top-tile decorator
CRUSHER OPERATOR
CUTTERMAN, BRICK
CUTTERMAN, TILE
CYLINDER MAN
DRAIN-TILE-PRESS OPERATOR
DRYING-TUNNEL MAN
drier operator
drying-room man
dry-kiln operator
DRYING-TUNNEL-MAN HELPER
DRY-KILN BURNER
DRY-PAN CHARGER
dry-pan feeder
DRY-PAN OPERATOR
dry-mill man
DRY-PRESS OPERATOR
molder, machine
DRY-PRESS-OPERATOR HELPER
FETTLER
tile edger
FIELD-KILN BURNER
FLUE-TILE-PRESS OPERATOR
FRIT MIXER-AND-BURNER
frit burner
GLAZE FOREMAN
GLAZE HANDLER
GLAZE MAKER
distintegrator man
frit maker
pulverizer
GLOST-TILE BURNER
HACKER
HEAD SETTER
JUNCTION MAKER
branch maker
fitting maker
KILN BURNER
baker
burner
KILN-BURNER HELPER
KILN-CAR UNLOADER
KILN-DOOR BUILDER
sealer and stripper
wicket man
KILN DRAWER
drawer
pick-up man
LABORER, GENERAL
clean-up man
yardman
LEVERMAN
cut-off man
die tripper
greaser
MILLING FOREMAN
MILLMAN
clay temperer
mud-mill man
MIXER OPERATOR
MODEL-AND-MOLD MAKER
MODELER
MODEL MAKER, TERRA COTTA
MOLDER, HAND
MOLD MAKER
carpenter, mold
mold-forms builder
patternmaker
MOLD MAKER, TERRA COTTA
OFF-BEARER, SEWER PIPE
auger-machine off-bearer
turner
PASTER
tile paster
PASTER FOREMAN
PIPE FINISHER
corrugator
finisher
PIPE-FITTINGS MOLDER
PLASTIC-JOINT MAKER
speed-seal-joint crewman
POT MAKER
PRESS FOREMAN
PRESSMAN I
auger-press operator, manual control
PRESSMAN II
PRESS-PIPE INSPECTOR
green-pipe inspector
PUG-MILL OPERATOR
PUG-MILL-OPERATOR HELPER
pugger helper
REFRACTORY-GRINDER OPERATOR
RETORT KILNMAN
RETORT-OR-CONDENSER PRESSMAN
ROOFING-TILE BURNER
ROOFING-TILE SORTER
SETTER
kiln setter
kiln stacker
SETTER HELPER
kiln-setter helper
SEWER-PIPE-PRESS OPERATOR
SEWER-PIPE SORTER
SHAPE-BRICK MOLDER
SILICA-DRY-PRESS HELPER
SILICA-DRY-PRESS OPERATOR
SILICA-MIXER OPERATOR
SOFT-MUD MOLDER
SORTER
inspector
yard pipe grader
SORTING FOREMAN
TABLE-TOP TILE SETTER
TERRAZZO-TILE MAKER
TILE DECORATOR
decorator
TILE DESIGNER
TILE MOLDER, HAND
TILE SHADER
glost-tile shader
shade classifier
tile classifier
TILE SORTER
glost-tile sorter
TILE SPRAYER
TUNNEL-KILN OPERATOR
TUNNEL-KILN REPAIRMAN

broom—BROOM INDUSTRY: This industry comprises occupations in the manufacture of household brooms, whisk brooms, industrial brooms, etc., made from broomcorn and bassine, and street-sweeping brooms and stable brooms made from heavier material.

BLEACHER
corn preparer
dyer, broomcorn
BROOMCORN GRADER
broomcorn sorter
BROOMCORN SEEDER
broomcorn scraper
BROOM-HANDLE DIPPER
BROOMMAKER
winder
BROOM STITCHER
CLIPPER
CUTTER
HACKLER
comber
hull puller

brush—BRUSH INDUSTRY: This industry comprises occupations in the manufacture of brushes, such as household, industrial, paint and varnish, tooth, and toilet brushes.

BORING-AND-FILLING-MACHINE OPERATOR
BRUSH-FABRICATION FOREMAN
BRUSH FILLER, HAND
draw hand
BRUSH MATERIAL PREPARER
FILLING-AND-STAPLING-MACHINE OPERATOR
FINISHER, BRUSH
FOREMAN, PAINT ROLLER COVERS
HAIR-BRUSH-BORING-AND FILLING-MACHINE OPERATOR
MIXING-MACHINE OPERATOR
PAINT-BRUSH MAKER
brush maker
PAINT-ROLLER WINDER
spiral winder
POWER-DRIVEN-BRUSH MAKER
SWEEPER-BRUSH MAKER, MACHINE
broom-machine operator
TOOTH-BRUSH-BORING-AND-FILLING-MACHINE OPERATOR
TWISTING-MACHINE OPERATOR
VULCANIZER, BRUSH
WIRE-BRUSH-BORING-AND-FILLING-MACHINE OPERATOR

bus. ser.—BUSINESS SERVICES: Covered under this designation are occupations that occur in certain types of establishments engaged in rendering services for other types of business organizations or individuals. Occupations that occur in business service establishments but also occur in other industries are excluded. Typical of the establishments in which business service occupations exist are advertising agencies, termite extermination agencies, private employment agencies, news syndicates, auctioneers' establishments, coin-machine rental agencies, armored car services, detective agencies, and bottle exchanges. Occupations concerned with personal services are included in PERSONAL SERVICE (per. ser.) and those concerned with repair services are included under ANY INDUSTRY (any ind.).

ADVERTISING-DISPLAY ROTATOR
AIRPLANE-PATROL PILOT
AIRPLANE PILOT, PHOTOGRAMMETRY
AIR-PURIFIER SERVICEMAN
ALARM-TROUBLE MAN
ARMORED-CAR DRIVER
ARMORED-CAR GUARD
armored-car messenger
AUDIMETER INSTALLER AND SERVICEMAN
BILLPOSTER
BONDSMAN
BUYER, SPACE
BUYER, TIME
BUYER, TIME AND SPACE
CALL-OUT OPERATOR
CASHIER, CURRENCY EXCHANGE
check cashier
CHECKER, DUMP GROUNDS
CHIMNEY REPAIRMAN
CITY HOSTESS
COATER
COIN-MACHINE SERVICEMAN
concessionaire-machine serviceman
slot-machine serviceman
COIN-VENDING-MACHINE COLLECTOR
serviceman
CREDIT REPORTER
credit investigator
field man
reporter
CUTTER, PRESS CLIPPINGS
DETECTIVE
private eye
private investigator
undercover agent
undercover operator
DEVELOPER, COLOR PHOTOGRAPHY
Kodacolor paper developer
DOWSER
diviner
water witch
EXTERMINATOR SUPERVISOR
FILE SERVICE WORKER
FLIGHT SUPERVISOR, PHOTOGRAMMETRY
FREIGHT-TRAFFIC CONSULTANT
transportation consultant
FUMIGATOR
GOODWILL AMBASSADOR
welcome-wagon hostess
IN-FILE OPERATOR
JUSTOWRITER OPERATOR
LEASEMAN
property-rental man
LITERARY AGENT
author's agent
MANAGER, ADVERTISING AGENCY
MANAGER, DENTAL-SUPPLY HOUSE
MANAGER, FRANCHISE PROMOTION
MEDIA CLERK
MEMBERSHIP SOLICITOR
field representative
membershipman
representative
MERCHANT PATROLMAN
doorshaker
private patrolman
street patrolman
MOUNTER, HAND
MUSIC-BOX SERVICEMAN
OPERATING AID
tape attendant
PEST-CONTROL REPRESENTATIVE, STRUCTURAL
field representative
termite-control salesman
PETROLEUM INSPECTOR
PETROLEUM-INSPECTOR SUPERVISOR
PINBALL REPAIRMAN
PRINT INSPECTOR
PROCESS SERVER
PROPERTY-RENTAL AGENT
PROTECTIVE-SIGNAL INSTALLER
burglar-alarm installer
wireman
PROTECTIVE-SIGNAL-INSTALLER HELPER
PROTECTIVE-SIGNAL REPAIRMAN
burglar-alarm installer and serviceman
burglar-alarm repairman
burglar-alarm serviceman
PROTECTIVE-SIGNAL-REPAIRMAN HELPER
burglar-alarm-repairman helper
PROTECTIVE-SIGNAL SUPERINTENDENT
burglar-alarm superintendent
READER
clipping marker
press reader
press-service reader
RECEIVER
SAFE-AND-VAULT SERVICEMAN
safe-and-vault erector
safe repairman
vault mechanic
SALESMAN, ART
SALESMAN, BUSINESS SERVICES
SALESMAN, FINANCIAL SERVICE
salesman, credit services
salesman, report service
SALESMAN, INDUSTRIAL RELATIONS
SALESMAN, INVESTMENT AND TAX COUNSELING SERVICE
SALESMAN, PEST CONTROL SERVICE
salesman, exterminating service
SALESMAN, PROTECTIVE SERVICE
salesman, business service
SALESMAN, SOFT-WATER SERVICE
SALESMAN, TRADING STAMPS
SALESMAN, WEATHER FORECASTING SERVICE
SAMPLE DISTRIBUTOR
SAMPLE DISTRIBUTOR CREW SUPERVISOR
field-advertising representative

SERVICE SALESMAN, EXTERMINATING SERVICES
SEWER-PIPE CLEANER
electric-sewer-cleaning-machine operator
SHIPPER
SHOPPING INVESTIGATOR
investigator
service auditor
shopping inspector
spotter
SLIP PULLER
SOFT-WATER SERVICEMAN
SOUND-TRUCK OPERATOR
SUPERVISOR OF SALES
TANK CALIBRATOR
TANK STRAPPER
TELEPHONE-ANSWERING-SERVICE OPERATOR
interceptor operator
telephone-interceptor operator
TELEPHONE-DIRECTORY DELIVERYMAN
phone-book deliveryman
TELEPHONE-DIRECTORY DISTRIBUTOR
TERMITE TREATER
termite exterminator
TERMITE-TREATER HELPER
pest-control helper
TOOL-RENTAL CLERK
TOWEL-CABINET REPAIRMAN
TRAFFIC MAN
VAULT CASHIER
vault supervisor
VAULTMAN
VENDING-MACHINE REPAIRMAN

button—BUTTON AND BUCKLE INDUSTRY: This industry includes occupations concerned with the manufacture of all kinds of buttons, parts of buttons, button blanks or molds, buckles, parts of buckles, and buckle blanks, and molds, regardless of material.

ACETONE-BUTTON PASTER
ASSEMBLER
BUCKLE-FRAME SHAPER
chop-and-frame operator
BUCKLE INSPECTOR
BUCKLE SORTER
BUCKLE-WIRE INSERTER
BUTTON-BLANK-PRESS OPERATOR
fiberboard-button-machine operator
BUTTON-CUTTING-MACHINE OPERATOR
button cutter
BUTTON-DECORATING-MACHINE OPERATOR
automatic-fancy-machine operator
BUTTON-FACING-MACHINE OPERATOR
BUTTON GRADER
BUTTON SPINDLER
spindler
BUTTON WEAVER, HAND
weaver
COLOR MATCHER
CONVEX-GRINDER OPERATOR
COVERED-BUCKLE ASSEMBLER
buckle assembler
buckle coverer
buckle gluer
DECORATOR
painter
painter, trim
DEFINER
DRILLER, HAND
DYER
floorman
GRINDER, HAND
GRINDING-MACHINE OPERATOR, AUTOMATIC
belt-back operator
HOT-STONE SETTER
INLAY PAINTER
LACQUER-DIPPING-MACHINE OPERATOR
MACHINE SETTER
MOISTENER
spray man
MOLD-PRESS OPERATOR
PASTER
POLISHER
PREFORM-MACHINE OPERATOR
PRODUCTION HARDENER
carbonizer
case hardener
SEPARATOR OPERATOR
SET-UP MAN, KICK PRESS
tool setter
SEWER, CLOTH-COVERED BUTTONS
SHELL-GRADER
shell sorter
SLICING-MACHINE OPERATOR
SORTER
SORTER, MACHINE
classifying-machine operator
SPLITTER, HAND
STAMPER
TAPING-MACHINE OPERATOR
TRIMMING-MACHINE OPERATOR
button broacher
WIRE-STITCHING-MACHINE OPERATOR

can. & preserv.—CANNING AND PRESERVING INDUSTRY: This industry covers occupations in canning or quick-freezing, and preserving condiments, fruits, jellies, pickles, preserves, soups, vegetables, frozen dinners, and related products, and processing and preserving seafood, such as clams, crabs, fish, oysters, and shrimp.

APPLE SORTER
APPLE WASHER
ASPARAGUS SORTER
BARREL FILLER
BASKET FILLER
BLANCHING-MACHINE OPERATOR
blancher
BONE PICKER
BOX ICER
BRINE MAKER I
brineman
BRINE MAKER I—Con.
pickling-solution maker
BRINE MAKER II
BRINE-MIXER OPERATOR, AUTOMATIC
BRINER
dipper, fish
BRINER, MACHINE
BRINE-TANK-SEPARATOR OPERATOR
BULK FILLER
BUTCHER, FISH
BUYER, CITRUS FRUIT
BUYER, FISH
CABBAGE SALTER
CAN INSPECTOR
closing-and-filling loader
seam checker
CANNERY WORKER
CAN PATCHER
CAN RECONDITIONER
CAN STRIPER
can marker
painter, can
CARROT WASHER
CENTRIFUGE OPERATOR
separator, fish oil
CHECKER AND WEIGHER
receiving weigher
tallyman
CHEMIST, PRESERVED FOODS
CHERRY CUTTER
CHERRY SORTER
CHOW-CHOW MAKER
CLAM SHUCKER
CLAM-SHUCKING-MACHINE TENDER
CLAM STEAMER
COOKER CLEANER
coil cleaner
COOK, FISH EGGS
COOK, FRUIT
COOK, FRY, DEEP FAT
COOK HELPER
COOK HELPER, FRUIT
COOK HELPER, JUICE
COOK HELPER, MEAT
COOK HELPER, PRESERVES
COOK, JELLY
COOK, JUICE
COOK, KETTLE
cook
cooker
cook, pressure
vatman
COOK, MAYONNAISE
COOK, PICKLED MEAT
COOK, PRESERVE
COOK, SAUCE
COOK, SEAFOOD
COOK, SPAGHETTI
COOK, STARCH
COOK, VACUUM KETTLE
COOK, VEGETABLE
COOLING-PAN TENDER
COOLING-PORCH MAN
CRAB BUTCHER
crab backer
CRAB STEAMER
CRATE ICER
CUTTER, FROZEN MEAT
DEHYDRATOR MAN
DRIER OPERATOR
flaker operator
DUMPER
DUMPING-MACHINE OPERATOR
dumper
machine dumper
ELECTRIC-EYE-SORTING-MACHINE TECHNICIAN
FIG SORTER
FILLING-MACHINE FEEDER
FILTERMAN, JELLY
FISH-BIN TENDER
binman
FISH-BONING-MACHINE FEEDER
FISH BROILER
FISH CLEANER
butcher
butcher-gang worker
dress-gang worker
fish cutter
fish dresser
FISH-CUTTING-MACHINE OPERATOR
FISH DRIER
drier man
fish flaker
flaker
flaker tender
FISH-EGG PACKER
bait packer
FISH FLIPPER
FISH GRADER
FISH ICER
fish boxer
fish-house worker
FISH-LIVER SORTER
FISH-MACHINE FEEDER
FISH PICKLER
FISH-SKINNING-MACHINE FEEDER
FISH SMOKER
smokehouse man
FISH STRAIGHTENER
FOREMAN, COOK ROOM
FOREMAN, EGG ROOM
FREEZER MAN
FRUIT-BUYING GRADER
fruit inspector
platform inspector
FRUIT COORDINATOR
metal man
metal mover
FRUIT-PRESS OPERATOR
pressman
FRUIT SORTER
GANG-KNIFE MAN
fish chopper
GHERKIN PICKLER
GRADER
HORSERADISH MAKER
horseradish grinder
INSPECTOR, CANNED FOOD RECONDITIONING
smeller
IRON-CHINK MAN
KEY WASHERMAN
dethistler operator
LABORER, SHELLFISH PROCESSING
LINEMAN, CANNERY
LYE-PEEL OPERATOR
MANAGER, FOOD PROCESSING PLANT
MINCEMEAT MAKER
mincemeat-mixing-machine operator
MIXING-MACHINE OPERATOR
OIL DISPENSER
OLIVE MAN
storage brine man
storage laborer
OLIVE SORTER
ORANGE WASHER
OYSTER ICER
OYSTER SHUCKER
OYSTER WASHER
PACKER, AGRICULTURAL PRODUCE
PEACH SORTER
PEANUT-BUTTER MAKER
PEELER
PEPPER PICKLER
PICKLER
pickle maker
pickleman
pickle processor
PREPARATION FOREMAN
PREPARATION FOREMAN, CANNING
PREPARATION FOREMAN, FREEZING
PRESERVATIVE FILLER, MACHINE
siruper
PULPER TENDER
extract operator
REFORM MAN
RELISH MAKER
RETORT OPERATOR
RETURNED-GOODS CLERK
SALVAGE MAN
SARDINE BROILER
SARDINE CHECKER
SCALDER
SCALLOP SHUCKER
SEPARATOR OPERATOR, SHELLFISH MEATS
SHELLFISH CHECKER
SHELLFISH PACKER
SHELLFISH-PROCESSING-MACHINE TENDER
SHELLFISH SHUCKER
shucker
SHELLFISH SORTER
SHELLFISH WEIGHER
SHRIMP BLANCHER
SHRIMP-PEELING-MACHINE OPERATOR
SHRIMP-PEELING-MACHINE TENDER
SIEVE-GRADER TENDER
SIRUPER, MACHINE
SLIMER
SORTER
SORTER, AGRICULTURAL PRODUCE
sorter, food products
SORTING-MACHINE OPERATOR
grading-machine feeder
sizing-machine operator
sorting-machine attendant
SPICE MIXER
STEAK SAUCE GIRL
STEAM-OVEN OPERATOR
parboiler
steamer operator
SUPERINTENDENT
SWEET-PICKLED-FRUIT MAKER
SWEET PICKLE MAKER
TENDEROMETER OPERATOR
THERMOSCREW OPERATOR
TOMATO CHECKER
TOMATO GRADER
TOMATO-PASTE MAKER
TOMATO-PULPER OPERATOR
TRIMMER
TUBE-FILLING-MACHINE OPERATOR
TURNER
box turner
VACUUM TESTER, CANS
cap inspector
VEGETABLE SORTER
WASHER, AGRICULTURAL PRODUCE
dumper
washer operator
washing-machine operator
WRAPPER, HAND

candle—CANDLE INDUSTRY: This industry includes occupations in the manufacture of candles for lighting or for decorative and ornamental purposes.

CANDLE CUTTER
wick cutter
CANDLE DECORATOR I
CANDLE DECORATOR II
CANDLE DIPPER
CANDLEMAKER
CANDLE MOLDER, HAND
CANDLE MOLDER, MACHINE
CANDLEWICK STRINGER
CANDLE WRAPPER
CANDLE WRAPPING-MACHINE OPERATOR
FOREMAN, CANDLE MAKING
LABORER
POURER
candle pourer
WAX BLEACHER
beeswax bleacher
WAX BLENDER
beeswax blender
WICK-AND-BASE ASSEMBLER
base-and-wick assembler
WICKER, MOLDED CANDLES
wick tender

canvas goods—CANVAS GOODS INDUSTRY: This industry covers occupations concerned with making products, such as awnings, sails, tarpaulins, canopies, and tents, from canvas, duck, synthetic fabrics, and vinyl-covered materials. Jobs concerned with assembling and installing awnings also are included.

AWNING ASSEMBLER
AWNING BINDER
AWNING CUTTER, HAND
AWNING CUTTER, MACHINE
AWNING FINISHER
AWNING-FRAME MAKER
frame bender
AWNING HANGER
awning erector
awning installer
AWNING-HANGER HELPER
installation helper
AWNING MAKER
AWNING SPREADER
CANVAS-COVER-REPAIR FOREMAN
CANVAS CUTTER
CANVAS MARKER
CANVAS WORKER
CANVAS-WORKER APPRENTICE
sail, tent, and awning-maker apprentice
CLOTH JOINER, TENTS
DESIGN-PATTERN MAN
FINISHER, HAND
palm and needle man
FLAG CUTTER, HAND
FLAG CUTTER, MACHINE
FLAG SEWER
FOREMAN, CANVAS PRODUCTS
HOOD MAKER
LABORER, CANVAS SHOP
floor girl
POCKET SEWER
RIGGER
stripper
RING SEWER
SAIL CUTTER
SAIL FINISHER, HAND
SAIL FINISHER, MACHINE
SAIL-LAY-OUT MAN
layer-out
SAILMAKER
SCALLOP BINDER
SEWING-MACHINE OPERATOR
TARPAULIN CUTTER, HAND
TARPAULIN CUTTER, MACHINE

canvas goods—continued

TENT ASSEMBLER
TENT CUTTER, HAND
TENT CUTTER, MACHINE
TENT FINISHER
TENTMAKER
WING SEWER

carpet & rug—CARPET AND RUG INDUSTRY: This industry includes occupations in the manufacture of carpets and rugs (exclusive of those made of rags and those made only of fiber) in which wool or synthetic yarns are the principal materials used. Such carpets and rugs usually are made with a cotton, jute, or linen back. Carpets and rugs made of rags or fibrous materials are included in the CARPETS, RUGS, AND MATS (OTHER THAN WOOL AND SYNTHETIC YARNS) INDUSTRY (fiber rugs).

BASE-CLOTH INSPECTOR
BURLER
cloth picker
knot picker, cloth
slub picker
string picker
CARPET CUTTER
CARPET-FINISHING FOREMAN
CARPET INSPECTOR, FINISHED
CARPET-LOOM FIXER
CARPET WEAVER
CARPET WEAVER, JACQUARD LOOM
FOREMAN, SEWING DEPARTMENT
HEMMER, HAND
rug hemmer
INSPECTOR
folder inspector
inspector and clipper
LAY-OFF MAN
stamper
MENDER
patcher
RUG CLEANER
RUG CLIPPER
carver
nap clipper
rug cutter
RUG DESIGNER
RUG-DRYING-MACHINE OPERATOR
RUG-FRAME INSPECTOR
RUG HEMMER II
RUG HOOKER, HAND
RUG INSPECTOR
RUG SETTER, AXMINSTER
color-setting-machine operator
RUG SETTER, SIX-QUARTER MACHINE
RUG SETTER, THREE-QUARTER MACHINE
RUG SETTER, VELVET
color-setting-machine operator
SAMPLE INSPECTOR
card-sampler checker
cloth - sample - book checker
cloth - sample - book inspector
quality-control girl
sample checker
SCOURING-TRAIN OPERATOR
scouring-machine operator
SPONGE-RANGE OPERATOR
STENCILER
painter, design
painter, stencil
TAPING-MACHINE OPERATOR
binder
piper
piping-machine operator
tape sewer
TUFTING-MACHINE OPERATOR
chenille-machine operator
yardage-tufting-machine operator
TUFT-MACHINE OPERATOR
chenille-machine operator
needle-punch operator
overlay operator
VELVET WEAVER
WARP COILER
coiler man
coiler tender
dyeing-machine backtender
WEAVER, AXMINSTER
WEAVE-ROOM FOREMAN
WILTON WEAVER
WIRE REPAIRMAN

cement—CEMENT INDUSTRY: This industry covers occupations in the manufacture of cement from rock. The principal product of the industry is Portland cement.

AUXILLARY-EQUIPMENT TENDER
boxman
cement mixer
slip mixer
slurry blender
slurry-tank tender
water tender
BALL-MILL OPERATOR
CAR DUMPER
car unloader
dumpman
storage-house man
storage-yard man
tipple man
unloader
CEMENT-BOAT-AND-BARGE LOADER
CEMENT LOADER AND SACKER
CEMENT-RAILROAD-CAR LOADER
CEMENT TESTER
CEMENT-TRUCK LOADER
CLAY HOISTER
DUST COLLECTOR
FINISH-MILL OPERATOR
FLUXO-PUMP OPERATOR
FOREMAN
HAMMER-MILL OPERATOR
KILN FEEDER
MILLER
grinder operator
MIXER TENDER
NODULIZER MAN
pelletizer man
PUG-MILL OPERATOR
PUMPMAN
cement-storage man
silo tender
RAW-FINISH-MILL OPERATOR
ROD-MILL MAN
ROD-MILL MAN (cement; fertilizer; graphite; ore dress., smelt., & refin.)
regrind mill operator
ROTARY-KILN OPERATOR
burner man
calciner
drier operator
ROTARY-KILN OPERATOR —Continued
fireman, drier
kiln-burner man
roaster
SCREENMAN
TUBE-MILL OPERATOR
VERTICAL-MILL OPERATOR

cereal—CEREAL PREPARATIONS INDUSTRY: This industry embraces occupations in the manufacture of such cereal preparations as breakfast foods and cereal coffee substitutes.

COATING OPERATOR
COOKER
COOK, KETTLE
cook
cooker
cook, pressure
vatman
CURING-BIN OPERATOR
temper-bin man
DRUM DRIER
EXTRUDER OPERATOR
FLAKE MILLER, WHEAT AND OATS
cereal miller
FLAKING-ROLL OPERATOR
flake-or-shred-roll operator
roll operator
FLAVOR MAN
GRINDER OPERATOR
GUNNER
cereal popper
gunman
shooter
OVENMAN
baker operator, automatic
OVENMAN HELPER
OVEN OPERATOR
corn-flakes man
flake-miller helper
PELLET OPERATOR
PERCOLATOR OPERATOR
ROASTER, GRAIN
WHEAT CLEANER
bump-grader operator

chem.—CHEMICAL INDUSTRY: Included in this industry are occupations, except those identified with other industries, concerned with the production of heavy or fine chemicals. Among the products of this industry are purified elements, organic compounds, acids, alkalies, and salts for consumer use or for sale to industries that manufacture consumer goods. Other industries that include occupations in the production of chemicals are the PRIMARY COAL TAR PRODUCTS INDUSTRY (coal tar prod.); COKE PRODUCTS INDUSTRY (coke prod.); COMPRESSED AND LIQUEFIED GASES INDUSTRY (comp. & liquefied gases); DRUGGISTS' AND TOILET PREPARATIONS AND MEDICINES INDUSTRY (drug. prep. & rel. prod.); EXPLOSIVES INDUSTRY (explosives); FERTILIZER INDUSTRY (fertilizer); SYNTHETIC FIBERS INDUSTRY (synthetic fibers); SOAP AND GLYCERINE INDUSTRY (soap); and the WOOD DISTILLATION AND CHARCOAL INDUSTRY (wood distil. & charc.).

ABSORBER OUTSIDE HELPER
ABSORPTION OPERATOR
saturator
ACETALDEHYDE-CONVERTER OPERATOR
ACID LOADER
ACID-PLANT HELPER
ACID-PLANT OPERATOR
ACID-POLYMERIZATION OPERATOR
ACID PUMPMAN
ALCOHOL-STILL HELPER
ALCOHOL-STILL OPERATOR
ALKYLATION OPERATOR
ALKYLATION TOWERMAN
ALUMINUM-HYDROXIDE-PROCESS OPERATOR
ALUM-PLANT OPERATOR
alum mixer
AMMONIA-STILL OPERATOR
AMMONIUM-HYDROXIDE OPERATOR
AMMONIUM-HYDROXIDE-STILL OPERATOR
ANALYTICAL RESEARCH TECHNICIAN, RESINS AND ADHESIVES
special-adhesive technician
technical-plastics specialist
ANODE BUILDER
anode man
AQUA-AMMONIA OPERATOR
ATOMIC-FUEL ASSEMBLER
fuel assembler
process operator, atomic energy
AUTOCLAVE OPERATOR
BATCH-STILL OPERATOR I
distiller
stillman
BATCH-STILL OPERATOR II
rectifying operator
BENZENE-REFINING FOREMAN
BENZENE-STILL OPERATOR
BENZENE-STILL UTILITY OPERATOR
BENZINE-WASHER OPERATOR
acid-wash operator
agitator man
agitator operator
benzene operator
benzol operator
BLEACH CHLORINATOR
BLEACHER OPERATOR
c.p. bleacher operator
BLEACH PACKER
charger
BOTTOM-LIQUOR MAN
BRINEMAN
brineman, soda
brine-process operator
dissolver operator
filter operator
saltman
salt-room man
BRINEMAN, POTASH
BRINE PURIFIER
BRINE-WELL OPERATOR
pumpman, brine well
BRIQUETTER OPERATOR
BURNER OPERATOR
ammonia operator
BUTADIENE-COMPRESSOR OPERATOR
BUTADIENE-CONVERTER HELPER
BUTADIENE-CONVERTER OPERATOR
BUTADIENE CONVERTER UTILITY OPERATOR
BUTADIENE OPERATOR, CHIEF
BUTADIENE-STILL HELPER
BUTADIENE-STILL OPERATOR
BYPRODUCTS-RECOVERY-STILL OPERATOR
CALCINER HELPER
CALCINER OPERATOR I
CARBOY FILLER
CASTING-AND-CURING OPERATOR
CATALYST OPERATOR
CATALYST OPERATOR, CHIEF
catalyst plant foreman
CATALYST OPERATOR, GASOLINE
CATALYST-OPERATOR HELPER, GASOLINE
CATALYST-RECOVERY OPERATOR
CATALYTIC-CONVERTER OPERATOR
catalytic-case operator
CATALYTIC-CONVERTER-OPERATOR HELPER
CATHODE MAKER
CATHODE WASHER
CAUSTIC-EVAPORATOR OPERATOR
CAUSTICISER MAN
reactor operator
CAUSTIC LOADER
CAUSTIC-PURIFICATION OPERATOR
CD-REACTOR OPERATOR
CD-REACTOR OPERATOR, HEAD
CD-STORAGE-AND-MATERIALS MAKE-UP HELPER
CD-STORAGE-AND-MATERIALS MAKE-UP OPERATOR, HEAD
CELL CLEANER
CELL-EFFICIENCY MAN
anode adjuster
cell tester
CELL INSTALLER
CELL MAKER
cell-construction man
CELL-RENEWAL MAN
cell changer
CELL REPAIRMAN
CELL TENDER
cell attendant
cellman
gasman
unit tender
CELL-TENDER HELPER
cell-attendant helper
CENTRIFUGAL-DRIER OPERATOR
centrifuge operator
CHAMBERMAN
chamber walker
CHEMICAL OPERATOR I
CHEMICAL OPERATOR II
reactor operator
CHEMICAL OPERATOR III
reactor operator
CHEMICAL-PLANT OPERATOR
CHEMICAL-PROCESS OPERATOR
CHIEF OPERATOR
boardman
CHIEF OPERATOR, AMMONIUM SULFATE
CHIEF OPERATOR, PURIFICATION AND REACTION
CHIEF OPERATOR, REFORMER
CHIEF OPERATOR, SYNTHESIS
CHILLER OPERATOR
CHLORINATOR OPERATOR
CHLORINE-GAS MAN
CHLOROBUTADIENE-SCRUBBER OPERATOR
CHLOROPRENE OPERATOR
COATING OPERATOR
COLD-ACID-UNIT OUTSIDE HELPER
COLOR-CONTROL FOREMAN
COLOR-MAKING FOREMAN
COMPOUNDER, FRAGRANCES AND FLAVORINGS
CONTACT-ACID-PLANT OPERATOR
regeneration operator
sulfuric-acid-plant operator
CONTACT-ACID-PLANT-OPERATOR HELPER
CONTINUOUS-CONVEYOR-SCREEN DRIER
CONTINUOUS-STILL OPERATOR
rectifying operator
steam-still operator
stillman
COVER MAKER
CRESYLATE OPERATOR II
CRYSTALLIZER OPERATOR
CREATIVE PERFUMER
CUPROUS-CHLORIDE HELPER
CUPROUS-CHLORIDE OPERATOR
catalyst - manufacturing operator
DEHYDROGENATION - CONVERTER HELPER
DEHYDROGENATION - CONVERTER OPERATOR
DEHYDROGENATION - CONVERTER UTILITY OPERATOR
DISSOLVER OPERATOR I
DOUBLE-EFFECT EVAPORATOR OPERATOR
DRIER-AND-PULVERIZER TENDER
"a" mill operator
pulverizer and drier tender
DRIER HELPER
DRIER OPERATOR I
atmospheric-drier tender
dry-room operator
DRIER OPERATOR II
tunnel-drier operator
DRIER OPERATOR III
calciner operator
rotary-drier operator
DRIER OPERATOR IV
spray drier
DRIER OPERATOR (chem.; drug. prep. & rel. prod.)
drum-drier operator
vacuum-drum-drier operator
DRUM FILLER
DRYING-ROOM FOREMAN
ELECTRIC-CELL MAN
cellman
EMULSION OPERATOR
EMULSION OPERATOR, FIRST

ETHYLBENZENE-COMPRESSOR-UTILITY OPERATOR
ETHYLBENZENE-CONVERTER HELPER
ETHYLBENZENE-CONVERTER OPERATOR
ETHYLBENZENE-CRACKING FOREMAN
ETHYLBENZENE HYDROGENATOR
ETHYLBENZENE OXIDIZER
ETHYLBENZENE-STILL HELPER
ETHYLBENZENE-STILL OPERATOR
ETHYLENE-COMPRESSOR OPERATOR
ETHYLENE-OXIDE PANELBOARD OPERATOR
ETHYLENE-PLANT HELPER
ETHYLENE-PLANT OPERATOR
EVAPORATION OPERATOR
evaporator man
multiple-effect evaporator operator
vacuum-pan operator
EVAPORATOR REPAIRMAN
EXTRACTOR OPERATOR, SOLVENT PROCESS
solvent plant operator
FERMENTATION OPERATOR
biological plant operator
FILTER-PRESS FOREMAN
FILTRATION OPERATOR, POLYETHYLENE CATALYST
FILTROSE CRUSHER
FIREMAN, RETORT
FLAKER OPERATOR
drier-and-evaporator operator
finishing-pan operator
flaking-machine operator
pan operator
FLASH-VAPORIZER OPERATOR
FOREMAN, ALUM PLANT
alum-plant foreman
FOREMAN, BLEACH
FOREMAN, BRINE
FOREMAN, CD-AREA
CD-manufacturing foreman
FOREMAN, CELL-EFFICIENCY
FOREMAN, CELL-ROOM
FOREMAN, COMPOUNDING-AND-FINISHING
FOREMAN, DEHYDROGENATION
catalyst foreman
dehydrogenation operator, head
FOREMAN, EVAPORATOR
FOREMAN, HYDROCHLORIC-AREA
hydrochloric-manufacturing foreman
FOREMAN, MAINTENANCE
labor foreman
FOREMAN, PHOSPHORUS PROCESSING
FOREMAN, PIGMENT MAKING
supervisor, color making
FOREMAN, PURIFICATION
chief operator
chief operator, hydroformer
extraction foreman
fractionation foreman
fractionation operator, head
FOREMAN, SULFURIC-ACID PLANT
sulfuric-acid plant foreman
FURNACE HELPER
FURNACE OPERATOR
GAMMA-FACILITIES OPERATOR
pile operator
reactor-service operator
GAS-GENERATOR OPERATOR
GAS TESTER
GRINDER OPERATOR
crusher operator
mill operator
pulverizer tender
GRINDING-ROOM FOREMAN
HEAD OPERATOR, SULFIDE
HIGH-PRESSURE-KETTLE OPERATOR
HOT-CELL TECHNICIAN
remote operator
HYDRATOR OPERATOR
HYDROCHLORIC-ACID OPERATOR
HYDROFORMER OPERATOR
HYDROGEN MAN
HYDROREACTION OPERATOR
IMPREGNATOR OPERATOR
catalyst impregnator
IRISH-MOSS OPERATOR
drying-machine operator
weed-cooking operator
ISOBUTYLENE-EXTRACTION OPERATOR
ISOBUTYLENE OPERATOR, CHIEF
ISOBUTYLENE-SEPARATION OPERATOR
KETTLEMAN
KETTLEMAN, LEAD
lead-nitrate processor
lead-shop operator
KETTLE-ROOM MAN
LABORER, CHEMICAL PROCESSING
drum carrier
scaleman
LOW-CHLORIDE-SODA OPERATOR
LOW-PRESSURE-KETTLE OPERATOR
LYE TREATER
MAKE-UP MAN
materials-make-up man
materials-storage-and-make-up man
solution-make-up man
MAKE-UP-MAN HELPER
batch-up man
MERCURY CELL CLEANER
MERCURY PURIFIER
MERCURY WASHER
mercury recoverer
MIXER OPERATOR
blender
MONOMER-PURIFICATION OPERATOR I
MONOMER-PURIFICATION OPERATOR II
MONOVINYLACETYLENE-STILL HELPER
MOTOR-GENERATOR-SET OPERATOR
MVA-REACTOR OPERATOR
MVA-REACTOR OPERATOR, HEAD
MVA-STILL OPERATOR, HEAD
NOODLE MAN
OPERATOR, GAS ODORANTS
operator, first
OXIDATION OPERATOR
nitric-acid concentrator operator
weak-nitric operator
PAN HELPER
deckman
PARADICHLOROBENZENE-MACHINE OPERATOR
PARADICHLOROBENZENE MAN
paradi man
para operator
PELLET-PRESS OPERATOR
granulator operator
hydraulic-press operator
mechanical-press operator
PERFUMER
PERSULFATE MAKE-UP OPERATOR
PHOSPHORIC-ACID OPERATOR
PIGMENT FILTERER
PIGMENT-FURNACE TENDER
PIGMENT PRESSER
PILOT-CONTROL OPERATOR
fine-chemicals operator
laboratory technician
pilot-plant technician
process operator
research-manufacturing operator
PILOT-CONTROL-OPERATOR HELPER
pilot-plant-operator helper
POLYSULFIDE-REACTOR OPERATOR
sodium-polysulfide operator
sulfur handler
thionation operator
POTASH FLAKER
POT BUILDER
cathode builder
diaphragm builder
POT FIREMAN
fireman and pot-attendant
kettle fireman
potman
POWDER MIXER
PRECIPITATE WASHER
PRECIPITATION MAN
PRECIPITATOR OPERATOR
PRESS OPERATOR
PRODUCTION FOREMAN, ANHYDROUS AMMONIA
PRODUCTION FOREMAN, DEFLUORINATED PHOSPHATE
PURIFICATION OPERATOR I
gas-scrubber operator
PURIFICATION-OPERATOR HELPER
QUADRUPLE-EFFECT EVAPORATOR OPERATOR
RADIOISOTOPE-PRODUCTION OPERATOR
RECTIFIER OPERATOR
RECTIFYING-COLUMN OPERATOR
REFORMER OPERATOR
operator second, reformer
REPAIRMAN I
REPAIRMAN II
handyman
REPAIRMAN, EVAPORATOR
REPAIRMAN, PUMP
REPAIRMAN, STILL
RING MAKER
ROTARY-DRIER FEEDER
calciner feeder
ROTARY-KILN OPERATOR
RUBBERMAN
SALT CUTTER
SALT-PLANT OPERATOR
SAMPLER
SATURATOR MAN
ammonium-sulfate operator
sulfate operator
SCREEN OPERATOR
screenman
shaker-screen operator
vibrating-screen operator
SECOND-CLASS OPERATOR
SECOND OPERATOR
SECOND OPERATOR, AMMONIUM SULFATE
SECOND OPERATOR, FILTERMAN
SECOND OPERATOR, MILLMAN
SHIFT SUPERINTENDENT, CAUSTIC CRESYLATE
SHIPPING MAN
SILICATOR
SODA-DRIER FEEDER
SODA FLAKER
SODIUM-CHLORITE OPERATOR
SODIUM-METHYLATE OPERATOR
SOLVENT-REMOVAL OPERATOR
SPECIALTIES OPERATOR
SPRAY-DRIER-OPERATOR HELPER
STILL OPERATOR, BATCH OR CONTINUOUS
purification operator
STILL-OPERATOR HELPER
STRIPPER OPERATOR
STRIPPING-COLUMN OPERATOR
STYRENE-CONTINUOUS-STILL OPERATOR
STYRENE-CONTINUOUS-STILL UTILITY OPERATOR
STYRENE-DEHYDRATION-REACTOR OPERATOR
STYRENE-FINISHING OPERATOR, ASSISTANT
STYRENE-FINISHING OPERATOR, HEAD
STYRENE OPERATOR
STYRENE OPERATOR, CHIEF
SULFIDE OPERATOR
SULFUR BURNER
SULFUR-CHLORIDE OPERATOR
SULFUR FEEDER
SWITCHBOARD OPERATOR
power house attendant
SYNTHESIS OPERATOR
operator first, synthesis
TANK CLEANER
kettle chipper
TANK-FARM ATTENDANT
transfer-and-pump-house operator
TOWER HELPER
TOWERMAN
soda-column operator
TOWER OPERATOR I
TOWER OPERATOR II
TRANSFER-AND-PUMP-HOUSE OPERATOR, CHIEF
pumphouse operator, chief
terminal supervisor
TRIPLE-EFFECT EVAPORATOR OPERATOR
TWITCHELL OPERATOR
UTILITY OPERATOR
VACUUM-DRIER TENDER
shelf-drier operator
WASTE-TREATMENT OPERATOR
WEIGHER-BULKER
WET-MIX OPERATOR
WHEELER

chew. gum—CHEWING GUM INDUSTRY: This industry embraces occupations in the manufacture of chewing gum from such materials as crude gum or chicle, essential oils, flavorings, and paraffin.

BREAKING-MACHINE OPERATOR
breaker operator
cutting-machine operator
CENTRIFUGE OPERATOR
drier operator
CHICLE-GRINDER FEEDER
CONFECTIONERY COOKER
cream man
FLOOR GIRL
FOREMAN
FOREMAN, INSPECTION ROOM
FOREMAN, UNWRAPPING ROOM
FOREMAN, WRAPPING ROOM
GLUCOSE-AND-SIRUP WEIGHER
GUM COATER
GUM MAKER
GUM PULLER
GUM-SCORING-MACHINE OPERATOR
gum-rolling-machine tender
GUM-WRAPPING-MACHINE MECHANIC
wrapping-machine mechanic
KETTLEMAN
UTILITY GIRL

choc. & cocoa—CHOCOLATE AND COCOA PRODUCTS INDUSTRY: This industry embraces occupations in the manufacture of chocolate, including chocolate bars from the cocoa bean, and the manufacture of cocoa butter and other chocolate products.

CENTRIFUGAL SEPARATOR
CHOCOLATE-DROPS-MACHINE OPERATOR
CHOCOLATE MOLDER
CHOCOLATE MOLDER, MACHINE
CHOCOLATE-PRODUCTION-MACHINE OPERATOR
general-utility-machine operator
CHOCOLATE TEMPERER
tempering-machine operator
COCOA-BEAN CLEANER
bean dumper
COCOA-BEAN ROASTER I
COCOA-BEAN ROASTER II
COCOA-BEAN-ROASTER HELPER
roaster helper
COCOA-BUTTER-FILTER OPERATOR
cocoa-butter filterer
cocoa-butter man
COCOA-POWDER-MIXER OPERATOR
COCOA-PRESS OPERATOR
chocolate pressman
hydraulic pressman
COCOA-ROOM OPERATOR
cocoa-mill operator
CONCHE OPERATOR
conche loader and unloader
CONFECTIONERY-DROPS-MACHINE OPERATOR
CRACKING-AND-FANNING-MACHINE OPERATOR
cracker-fanner operator
DAIRY-POWDER-MIXER OPERATOR
DRIER OPERATOR
FOREMAN
GENERAL HELPER
GRINROD OPERATOR
LIQUOR-GRINDING-MILL OPERATOR
cocoa-milling-machine operator
MELANGEUR OPERATOR
MIXER OPERATOR
fire-roll-refiner batch mixer
REFINING-MACHINE OPERATOR
chocolate finisher
chocolate-finisher operator
chocolate refiner
chocolate-refining roller
SIRUP MAKER

clean. & polish. prod.—CLEANING AND POLISHING PREPARATIONS INDUSTRY: This industry includes occupations concerned with the manufacture of cleaners, washing powders, and washing compounds, containing no soap; dry cleaning preparations; metal, automobile, and other polishes; paint and varnish removers; blacking, waxes, stains, and dressings for fabricated leather and other materials, stove polish; burnishing inks; and related products.

HEATING AND BLENDING FOREMAN
mixing and dispensing foreman
MIXER
formulator
MIXING-MACHINE OPERATOR
SHOE-DRESSING MAN
TUBE-FILLING-MACHINE OPERATOR

clean., dye., & press.—CLEANING, DYEING, AND PRESSING INDUSTRY: This industry includes occupations occurring in dry cleaning, rug cleaning, and fur cleaning establishments, including the cleaning, dyeing, and pressing of garments; the cleaning and blocking of hats; and the cleaning and dyeing of rugs and other household furnishings. Occupations concerned with wet-washing

clean., dye., & press.—continued
garments and related items are covered by the LAUNDRY INDUSTRY (laund.).

ALL-AROUND PRESSER
combination presser
ASSEMBLER
distributor
matcher
shelf girl
subsorter
BAGGER
BLOCKER
blocking girl
bouclé finisher
knitted-garment finisher
knitted-goods shaper
presser-and-blocker knitted goods
presser-and-shaper knitted goods
BRIM BLOCKER
CHECKER
CLEANER AND PRESSER
CROWN BLOCKER
CROWN-IRONER OPERATOR
CURB BOY
doorman
service boy
DRY CLEANER
dry-cleaning-machine operator
DRY-CLEANER APPRENTICE
dry-cleaning-machine-operator apprentice
DRY CLEANER, HAND
DRY-CLEANER HELPER
cleaner assistant
cleaner helper
dry-cleaning-machine-operator helper
DRY CLEANER, RUG
DRY-CLEANING SUPERINTENDENT
DYER
sample dyer
DYER HELPER
dyer assistant
dye-room helper
FINISHER, HAND
FLATWORK ASSEMBLER
FOREMAN, RUG CLEANING
FORM-FINISHING-MACHINE OPERATOR
FORM-PRESS OPERATOR
FUR CLEANER
fur dry cleaner
furrier
sawdust-machine operator
FUR CLEANER, HAND
fur dry cleaner, hand
FUR CLEANER, MACHINE
fur beater
fur drummer
fur dry cleaner
furrier
sawdust-machine operator
FUR GLAZER
fur glosser
FUR-GLAZING-AND-POLISHING-MACHINE OPERATOR
fur ironer
FUR IRONER I
electrifier
FURNITURE CLEANER
dry cleaner, furniture, hand
furniture shampooer
FUR-POLISHING-MACHINE OPERATOR
GLOVE CLEANER, HAND
GLOVE FORMER
glove finisher
GLOVE FORMER—Con.
glove lay-out man
glove presser
glove turner and former
ironer
layer-off
HAT BLOCKER
hat finisher
hat man
HAT CLEANER
HATTER
hat renovator
HATTER HELPER
HAT TRIMMER
seamstress, hats
HOT-HEAD-MACHINE OPERATOR
INSPECTOR
garment examiner
LAUNDERETTE ATTENDANT
attendant, coin-operated laundry
attendant, laundry-and-dry-cleaning service
self-service-laundry-and-dry-cleaning attendant
washateria attendant
LEATHER CLEANER
LEATHER FINISHER
presser, leather garments
LEGGER-PRESS OPERATOR
LINING FINISHER
lining sewer
LINING PRESSER
LINING SCRUBBER
brusher-down
lining brusher
lining cleaner
MANAGER, BRANCH STORE
MANAGER, SALES
MARKER
clothes marker
countergirl
counterman
entry clerk
garment marker
receiving checker
MUSHROOM-PRESS OPERATOR
PAINTER, RUG TOUCH-UP
PLEAT PRESSER
PUFF-IRON OPERATOR
RETAIL-RECEIVING CLERK
branch-store clerk
RUG CLEANER, HAND
carpet cleaner
rug renovator
rug scrubber
rug shampooer
rug washer
RUG-CLEANER HELPER
RUG CLEANER, MACHINE
RUG-CONVEYOR OPERATOR
hangman
RUG-DRY-ROOM ATTENDANT
RUG DYER I
RUG DYER II
RUG-DYER HELPER
RUG INSPECTOR
RUG MEASURER
rug-receiving clerk
RUG REPAIRER
rug repairman
rug sewer
RUG STEAMER
rug brusher
rug finisher
SEAMSTRESS
mender
SEWING INSPECTOR
SHAVER
SILK FINISHER
SILK SPOTTER
SPOTTER
SPOTTER, HEAD
SPRAYER, LEATHER
spray dyer
STEAMER
STORAGE CLERK, RUG
STRETCHER-DRIER OPERATOR
carder, blankets
curtain drier
curtain framer
curtain girl
curtain stretcher
stretcher operator
TIE PRESSER
TOPPER-PRESS OPERATOR
TOPPER-PRESS OPERATOR, AUTOMATIC
TUMBLER OPERATOR
drier operator
drying-machine operator
drying-tumbler operator
tumbler-drier operator
tumbler man
VAULT CUSTODIAN
VELVET STEAMER
WASH-CLOTHES PRESSER
WEARING-APPAREL ASSEMBLER
WOOL PRESSER
WOOL SPOTTER
WRAPPER-ASSEMBLER

clerical—CLERICAL AND KINDRED OCCUPATIONS: This designation covers occupations of the following types that are common to a number of industries: (1) those occupations whose "clerical duties" take up a majority of the worker's time; (2) those occupations whose "clerical duties" take up a minority of the worker's time but for which the major requirement is the ability to perform the "clerical duties"; (3) those occupations whose duties, although nonclerical, are dependent on, and intimately connected with definite clerical jobs, and for which the promotional sequence usually is to positions of a strictly clerical character; and (4) "white collar" occupations that are not strictly clerical in character but that are more closely associated with truly clerical workers than with occupations in other occupational groups. "Clerical duties" in this classification are considered to be: (1) duties related to general office work, such as bookkeeping, taking and transcribing dictation, typing, auditing, and keeping records (often referred to as pencil work or paper work); and (2) duties pertaining to the operation of various office machines, such as adding machines, calculating machines, and duplicating machines. Occupations of a clerical nature that are peculiar to individual industries are not covered by this designation.

ACCIDENT-REPORT CLERK
ACCOUNT CHECKER
ACCOUNT-CLASSIFICATION CLERK
ACCOUNTING CLERK
ACCOUNTS-PAYABLE BOOKKEEPER
ACCOUNTS-PAYABLE CLERK
ACCOUNTS-RECEIVABLE-BALANCING CLERK
ACCOUNTS-RECEIVABLE BOOKKEEPER
ACCOUNTS-RECEIVABLE CLERK
ADDING-MACHINE OPERATOR
ADDRESSER
addressing clerk
envelope addresser
ADDRESSING-MACHINE OPERATOR
ADDRESSOGRAPH-PLATE-FILE CLERK
ADDRESSOGRAPH OPERATOR
ADDRESS-PLATE INSERTER
plate inserter
stencil inserter
ADJUSTMENT CLERK
adjuster
claim adjuster
complaint clerk
investigator
service-desk clerk
ADVANCE-PAYMENT CLERK
ADVERTISING-SPACE MEASURER
APPOINTMENT CLERK
reception clerk
AUCTION CLERK
AUDIT CLERK
AUDIT-MACHINE OPERATOR
AUDOGRAPH OPERATOR
AUTO-COST-RECORD CLERK
BACK-ORDER CLERK
BALANCE CLERK
balancing clerk
BANK-RECONCILIATION CLERK
treasurer-checker clerk
BILL ADJUSTER
BILLING CHECKER
BILLING CLERK II
bill-preparation clerk
charge clerk
BILLING-MACHINE OPERATOR
bill clerk
biller
billing clerk
invoicing-machine operator
BILL-OF-LADING CLERK
BILL SORTER
BONUS CLERK
BOOKKEEPER I
full-charge bookkeeper
general bookkeeper
BOOKKEEPER II
BOOKKEEPING-MACHINE OPERATOR I
account clerk
bookkeeper, machine
posting-machine operator
recording clerk
BOOKKEEPING-MACHINE OPERATOR II
account clerk
bookkeeper, machine
posting-machine operator
recording clerk
BOOKKEEPING-MACHINE OPERATOR, ACCOUNTS PAYABLE
BOOKKEEPING-MACHINE OPERATOR, ACCOUNTS RECEIVABLE
BOOK SUPERVISOR
BRAILLE-DUPLICATING-MACHINE OPERATOR
BUDGET CLERK
budget-record clerk
budget-report clerk
BUDGET-COLLECTION CLERK
BURSTING-MACHINE OPERATOR
CALCULATING-MACHINE OPERATOR
calculator operator
CAMP CLERK
CANCELING-MACHINE OPERATOR
CAR CHECKER
freight-car checker
railroad-car checker
tank-car checker
CARD-TAPE-CONVERTER OPERATOR
CARD-TO-TAPE-CONVERTER OPERATOR
CASHIER I
cageman
cash-accounting clerk
cash clerk
cash girl
cashier, general
cashier, office
CASHIER II
cageman
cash clerk
cash girl
cashier, general
cashier, office
ticket clerk
CASHIER, CREDIT
CASHIER, PAYMENTS RECEIVED
CASH-JOURNAL CLERK
CASH-POSTING CLERK
CASH-SALES-AUDIT CLERK
CHANGE-OF-ADDRESS CLERK
CHARGE-ACCOUNTS-AUDIT CLERK
CHARGE-REFER CLERK
CHART CHANGER
chart collector
instrument man
ticket snatcher
CHART CLERK
CHART CLERK, CHIEF
CHECKER I
CHECKER II
check clerk
data clerk
proofreader
report checker
CHIEF CLERK, PRINT SHOP
CLAIM CLERK
CLAIMS COLLECTOR
CLASSIFICATION CLERK
coding file clerk
CLASSIFICATION-CONTROL CLERK
CLERK-DRAFTSMAN
CLERK, GENERAL
office clerk, routine
CLERK, GENERAL OFFICE
administrative clerk
CLERK-TYPIST
C.O.D. AUDIT CLERK
C.O.D. BILLER
C.O.D. CLERK
cash-on-delivery clerk
collect-on-delivery clerk
CODING CLERK
CODING CLERK, UNIVAC
COIN-MACHINE-COLLECTOR SUPERVISOR
COIN-MACHINE OPERATOR
coin wrapper
COLLATOR OPERATOR
COLLECTION-CARD CLERK
COLLECTION CLERK
collection-and-credit clerk
collection-contract clerk
collection correspondent
collector man
past-due-accounts clerk
COLLECTOR
bill collector
collection agent
collector man
outside collector
outside-contact man
COMMISSION CLERK
COMPANY-HOSPITAL CLERK
COMPILER
COMPOTYPE OPERATOR
COMPTOMETER OPERATOR
COMPUTER-PERIPHERAL-EQUIPMENT OPERATOR
CONTROL CLERK, DATA PROCESSING I
CONTROL CLERK, DATA PROCESSING II
COPY HOLDER
CORRESPONDENCE CLERK
correspondent
CORRESPONDENCE-REVIEW CLERK
COST CLERK
cost-accounting clerk
expense clerk
COUPON-REDEMPTION CLERK
COURT REPORTER
law reporter
CREDIT ANALYST
CREDIT AUTHORIZER
authorizer
charge authorizer
check clerk
credit clerk
refer clerk
CREDIT CLERK I
application clerk
new business clerk
CREDIT CONTACT CLERK
CREDIT MAN
CREDIT-REFER CLERK
CRYPTOGRAPHIC MACHINE OPERATOR
code clerk
cryptographic technician
CUSTOMER-CONTROL CLERK
DATA TYPIST
DAVIDSON FEEDER
DELINQUENT-NOTICE-MACHINE OPERATOR
DELIVERY CLERK
distribution clerk
entry clerk
route-delivery clerk
sheet writer
DEXIGRAPH OPERATOR
DICTAPHONE OPERATOR
DIE-STORAGE MAN
DIGITAL-COMPUTER OPERATOR
computer operator
console operator
DIRECT-MAIL CLERK
DIRECTORY COMPILER
DISBURSEMENT CLERK
DISPATCHER, MAINTENANCE

DISPATCHER, MAINTENANCE SERVICE
dispatcher
maintenance clerk
DISPATCHER, MOTOR VEHICLE
motor transportation clerk
transportation clerk
DISTRIBUTING CLERK
packing-and-shipping clerk
publications clerk
publications-distribution clerk
DISTRICT CLERK
DITTOLITH OPERATOR
DITTO-MACHINE OPERATOR
DRAFTING CLERK
chart man
charting draftsman
DRUM-STOCK CLERK
DUAL-LITH OPERATOR
DUPLICATING-MACHINE OPERATOR I
DUPLICATING-MACHINE OPERATOR II
DUPLICATING-MACHINE OPERATOR III
DUPLICATING-MACHINE OPERATOR IV
DUPLIGRAPH OPERATOR
EDIPHONE OPERATOR
EDITING CLERK
EMBOSSING-MACHINE OPERATOR I
name-plate-stamping-machine operator
plate embosser
EMBOSSING-MACHINE OPERATOR II
embosser operator
plate embosser
EMPLOYMENT CLERK
interviewer
reception interviewer
ENTRY EXAMINER
ENVELOPE-SEALING-MACHINE OPERATOR I
envelope-sealer operator
letter-sealer operator
ENVELOPE-SEALING-MACHINE OPERATOR II
ERROR-LEDGER CLERK
ESCROW CLERK
EVALUATOR
EXPEDITER
follow-up man
EXPENSE CLERK II
EXPORT CLERK
EXTENSION CLERK
FIELD CLERK
FIELD-MAP EDITOR
FILE CLERK I
FILE CLERK II
FILE CLERK, CORRESPONDENCE
FILE CLERK, DRAWINGS
FILE CLERK, FILM
FILE CLERK, MAPS
FILE CLERK, MEDICAL RECORDS
FILE CLERK, SOUNDEX SYSTEM
FILE CLERK, STENCILS
FILE-ROOM CUSTODIAN-AND-STABILITY-PROGRAM CLERK
FILM-LIBRARY CLERK
film-vault clerk
FINISHED-GOODS STOCK-CLERK
FLOOR CASHIER
FOLDING-MACHINE OPERATOR
folder operator
FORECLOSURE CLERK
FOREIGN CLERK
FOREIGN-LANGUAGE STENOGRAPHER
FORMS ANALYST
forms coordinator
FREIGHT CLERK
GENERAL-LEDGER BOOKKEEPER
GRAPHOTYPE OPERATOR
HIGH-SPEED-PRINTER OPERATOR
off-line printer operator
HOOVEN-TYPEWRITER OPERATOR
IBM CODER
IBM SUPERVISOR
IDENTIFICATION CLERK
security clerk
IMPORT CLERK
INFORMATION CLERK
INSERTING-MACHINE OPERATOR
INSTALLMENT-ACCOUNT CHECKER
INSTALLMENT MAN
INSURANCE CLERK I
INSURANCE CLERK II
group-insurance-auditing clerk
INTEGRATOR OPERATOR
INVENTORY-AUDIT CLERK
INVENTORY CLERK
INVENTORY CLERK, PERPETUAL
INVENTORY CLERK, PHYSICAL
INVENTORY CLERK, STOCKROOM
record clerk, stockroom
stock-record clerk
INVOICE-CLASSIFICATION CLERK
INVOICE CLERK
INVOICE-CONTROL CLERK
purchase-order checker
JOB TRACER
expediter
job checker
job spotter
progress clerk
shop checker
JOURNAL CLERK
JOURNAL-ENTRY-AUDIT CLERK
KARDEX CLERK
KEY-PUNCH OPERATOR
card-punch-machine operator
punch-machine operator
summary-punch-machine operator
KEY-PUNCH OPERATOR, NUMERIC
LABORATORY HELPER
LABOR-CLASSIFICATION CLERK
LEGAL SECRETARY
LEGAL STENOGRAPHER
LINOFILM-MACHINE OPERATOR
LOST-AND-FOUND CLERK
MAIL BOY
MAIL CLERK
mail-room clerk
mail sorter
postal clerk
MAIL CLERK, BILLS
MAILING-LIST COMPILER
MAILING SUPERVISOR
mail-room foreman
manager, mail
MAIL-ORDER CLERK
MAIL-ORDER CLERK, CHARGE AND C.O.D.
MAIL TRACER
MASTERLITH OPERATOR
MATERIAL CLERK
material checker
stock editor
stock-record clerk
stores-auditor clerk
supplies clerk
MEDICAL SECRETARY
MEDICAL STENOGRAPHER
MERCHANDISE DISTRIBUTOR
MERCHANDISE-TRANSFER-ORDER CLERK
MESSENGER
delivery boy
errand boy
errand girl
floor boy
MIMEOGRAPH OPERATOR
MISSING-CHECK INVESTIGATOR
MORTGAGE-ACCOUNTING CLERK
amortization-schedule clerk
MORTGAGE-CLOSING CLERK
MORTGAGE-PROCESSING CLERK
MORTICER
MOTOR-POOL CLERK
MULTIGRAPH OPERATOR
MULTILITH OPERATOR
MUSIC COPYIST
NAVY-ORDER-DEPARTMENT SUPERVISOR
NEW-ACCOUNT CLERK
account-application clerk
budget-account clerk
credit-application clerk
credit clerk
credit interviewer
new-business clerk
OFFICE BOY
OFFICE GIRL
OFFSET-DUPLICATING-MACHINE OPERATOR
OIL-HOUSE ATTENDANT
OIL-ROOM MAN
OPERATING-COST CLERK
ORDER CALLER
caller
call-out clerk
order-desk man
ORDER CLERK II
customer-order clerk
order chief
order taker
ORDER DETAILER
biller
job-order clerk
order-write-up man
planner
planning clerk
requisition checker
ticket maker
work-order clerk
work-order detailer
work-order writer
ORDER-LEDGER CLERK
PARCEL-POST CLERK
parcel-post packer
parcel-post weigher
PARCEL-POST ORDER-CLERK
PARTS CLERK
parts man
shop clerk
spare-parts clerk
PARTS CLERK, AUTOMOBILE REPAIR
PARTS CLERK, PLANT MAINTENANCE
PAYMASTER
pay-roll master
PAY-ROLL CLERK
PAY-ROLL CLERK, CHIEF
rating clerk, chief
PAY-ROLL-MACHINE OPERATOR
PAY-STATION ATTENDANT
PERFORATOR TYPIST
hooven-perforating-machine operator
PERSONNEL CLERK
personnel-records clerk
PERSONNEL CLERK SUPERVISOR
PHOTOGRAPHIC-MACHINE OPERATOR
microphotographer
PHOTOPRINT CHECKER
PIECEWORK TIME-CLERK
POSTING CLERK
entry clerk
poster
transcribing clerk
POSTING CLERK, STOCK RECORD
POSTING-MACHINE OPERATOR I
POST-OFFICE CLERK
customer-service post-office clerk
PRICE CHECKER
PRICE CLERK
price-index clerk
pricer
PRINTED-FORMS PROOFREADER
PROCUREMENT CLERK
award clerk
bid clerk
buyer assistant
purchase-request editor
purchasing-and-fiscal clerk
purchasing clerk
purchasing-contracting clerk
PRODUCTION CLERK II
individual-production clerk
material-order clerk
process-accounting clerk
production checker
production controller
schedule clerk
scheduling supervisor
shop checker
PRODUCTION COORDINATOR
follow-up man
lot chaser
production allocator
production assistant, follow-up
production clerk
progress clerk
PRODUCTION-STATISTICAL CLERK
PROGRAMER, DETAIL
PROTECTIVE-SIGNAL OPERATOR
drop-board man
d-x board man
operator, circuit
operator, direct wire
signal timer
PUBLIC STENOGRAPHER
RATE SUPERVISOR
RAW-MATERIAL STOCK-CLERK
REAL-ESTATE CLERK
RECEIPT CLERK
platform receiver
RECEIVING CHECKER
accumulator
checking clerk
incoming-merchandise checker
RECEIVING CHECKER—Continued
order checker
outside checker
outside inspector
raw-material inspector
raw-stock inspector
receiving inspector
returned-goods checker
unloading checker
RECEIVING CLERK
entry clerk
inward-freight clerk
platform clerk
platform man
receiver
receiving man
receiving-room clerk
receiving-room operator
RECEPTIONIST
reception clerk
RECORDAK OPERATOR
RECORD CLERK II
RELEASE CLERK
REPAIR-SHOP CLERK
REPOSSESSOR
special collector
RESERVATION CLERK
clerk, travel reservations
travel clerk
RESHIPPING CLERK
RETURNED-GOODS RECEIVING-CLERK
returned-goods checker
returned-goods unpacker
RETURN-TO-FACTORY CLERK
returns clerk
ROUTER
dispatcher
marker, delivery
routing clerk
ROUTE-RETURN MAN
check-in man
return-goods man
return-room man
SACK DISTRIBUTOR
SACK KEEPER
SACK-ROOM ATTENDANT
SALES-CORRESPONDENCE CLERK
SALES-DISTRIBUTION CLERK
SALES-ENTRY CLERK
SALES-RECORD CLERK II
SALES-SLIP SORTER
SALES-TAX CLERK
SALVAGE CLERK
reclamation clerk
SEALING-AND-CANCELING-MACHINE OPERATOR
canceling-and-metering-machine operator
envelope-stamping-machine operator
letter-stamping-machine operator
postage-machine operator
SECRETARY
girl friday
secretarial stenographer
SERVICE CLERK
order clerk
repair-service clerk
service-desk clerk
service-order clerk
service-order dispatcher
trouble clerk
SHIPPING-AND-RECEIVING CLERK
SHIPPING CHECKER
delivery checker
SHIPPING CHECKER—Con.
loading checker
order checker
outgoing-merchandise checker
packing checker
platform checker
record clerk
shipping-clerk assistant
tally-in-tally-out clerk
SHIPPING CLERK I
loader foreman
shipper
shipping-house man
shipping supervisor
traffic clerk
SHIPPING CLERK II
delivery-and-order man
shipper
shipping packer
SHOP CLERK I
SOCIAL SECRETARY
SOCIAL SECURITY CLERK
SORTER
SORTING-MACHINE OPERATOR
card-sorting-machine operator
sorter-machine operator
SOUNDSCRIBER OPERATOR
SPARES SCHEDULER
production scheduler
STAMPING-MACHINE OPERATOR
STATIONERY STOREKEEPER
STATISTICAL CLERK
record clerk
report clerk
tabulating clerk
STATISTICAL TYPIST
STENCIL CUTTER
STENCIL-CUTTER OPERATOR
STENOCORD OPERATOR
STENOGRAPHER
clerk-stenographer
STENO-POOL SUPERVISOR
STENOTYPE OPERATOR
stenotype-machine operator
steno-typist
STOCK CLERK
counterman
material handler
material keeper
stock attendant
stock checker
stock counter
stock-house clerk
stockkeeper
stockman
stockroom attendant
stockroom clerk
stockroom man
stock-service clerk
stock tender
storekeeper
storeman
storeroom attendant
storeroom clerk
storeroom keeper
stores clerk
stores-supply clerk
supply clerk
supply-room clerk
STOCK-CONTROL CLERK
inventory controller
stock-order lister
STOCK-CONTROL SUPERVISOR
STORAGE-RECEIPT POSTER
STORE CASHIER
SUBSCRIPTION CLERK
SUGGESTION CLERK

clerical—continued

SUPERVISOR
chief
group leader
head
leader
principal
section chief
senior
SUPERVISOR, ASSEMBLY STOCK
SUPERVISOR, COMPUTER OPERATIONS
SUPERVISOR, MACHINE-RECORDS UNIT
supervisor, machine-tabulating unit
tabulating supervisor
SUPERVISOR, STOCK
manager, stockroom
shipping-and-receiving foreman
stock foreman
storeroom supervisor
warehouse foreman
warehouseman, chief
SUPERVISOR, SURVEY WORKER
area coordinator
SURVEY COMPILER
SURVEY WORKER
interviewer
merchandising representative
public interviewer
TABULAR TYPIST
TABULATING-MACHINE OPERATOR
tabulating-equipment operator
tabulator operator
TALLYMAN
TAPE LIBRARIAN
TAPE-TO-CARD-CONVERTER OPERATOR
TAX CLERK I
revenue-stamp clerk
TAX CLERK II
TECHNICAL STENOGRAPHER
TELAUTOGRAPH OPERATOR
TELEGRAPHIC-TYPEWRITER OPERATOR
telegraph operator, automatic
TELEGRAPHIC-TYPEWRITER OPERATOR, CHIEF
TELEPHONE OPERATOR
control-board operator
p.b.x. operator
private-branch-exchange operator
switchboard operator
telephone-switchboard operator
TELEPHONE OPERATOR, CHIEF
TELEPHONE-ORDER CLERK
TELETYPE OPERATOR
TEST TECHNICIAN
test examiner
THERMOFAX OPERATOR
TICKET-MACHINE OPERATOR
TICKET SELLER
cashier, ticket selling
TIME-ANALYSIS CLERK
TIME CHECKER
TIMEKEEPER
check-in man
checkman
time clerk
TIMEKEEPER, CHIEF
TITLE CLERK, AUTOMOBILE
TOOL CLERK
issue clerk
stores clerk
supply-house man
tool checker
tool-crib attendant
tool-crib operator
tool handler
tool keeper
toolman
tool-room man
tool-storage attendant
tool tender
tool-window attendant
TOOL-CRIB FOREMAN
foreman, tool crib
tool-clerk foreman
TRACER
skip tracer
TRACER CLERK
follow-up clerk
TRAFFIC CLERK I
traffic man
TRAFFIC CLERK II
shipping clerk
TRAFFIC ENUMERATOR
TRAFFIC-RATE CLERK
freight-rate clerk
rate clerk
TRANSCRIBING-MACHINE OPERATOR
dictating-machine transcriber
dictating-machine typist
TRANSCRIBING OPERATOR, HEAD
TUBE OPERATOR
pneumatic-tube operator
tube clerk
tube dispatcher
tube-station attendant
TWX OPERATOR
TYPEWRITER OPERATOR, AUTOMATIC
TYPING CHECKER
TYPING SECTION CHIEF
TYPIST
UNION TIME-STUDY MAN
time-study representative
UNITYPIST
VARI-TYPIST
VAULT CLERK
VERIFIER OPERATOR
WAREHOUSE CHECKER
WAREHOUSEMAN
WAREHOUSE-RECORD CLERK
WAREHOUSE STOCK-CLERK
WAYBILL CLERK
WEIGHER I
weight recorder
WEIGHER II
weighmaster
WEIGHT CALLER
WORK CHECKER
WORK-ORDER CLERK II
job-order clerk
work-order register clerk
XEROX-MACHINE OPERATOR
YARD CLERK
YIELDS SUPERVISOR

clock & watch—CLOCKS, WATCHES, AND ALLIED PRODUCTS INDUSTRY: This industry includes occupations in the manufacture of clocks, watches, chronometers, and other horological instruments regardless of type of driving power; clockwork-operated devices, such as time fuses and time-recording instruments; clock and watch cases; and clock and watch parts. Establishments engaged in casing purchased movements also are included in this industry. The manufacture of clock and watch crystals is included in the GLASS PRODUCTS INDUSTRY (glass prod.); the manufacture of wrist bands in the JEWELRY INDUSTRY (jewelry), LEATHER PRODUCTS INDUSTRY (leather prod.), or other industry depending on the material from which the band is made.

ARBOR INSPECTOR
ARM FACER, BALANCE WHEEL
ASSEMBLER, FILLING
ASSEMBLYMAN
AUTOMATICS FOREMAN
BALANCE ASSEMBLER
BALANCE-BRIDGE ASSEMBLER
BALANCE-BRIDGE INSPECTOR
BALANCE RECESSER
balance-wheel recesser
BALANCE-STAFF INSPECTOR
BALANCE-STAFF STAKER
BALANCE TRUER
BALANCE-TRUING INSPECTOR
BALANCE-WHEEL-SCREW-HOLE DRILLER
driller, balance-wheel-screw holes
BAND ATTACHER
BANKING ADJUSTER
escapement matcher
BANKING INSPECTOR
BARREL ASSEMBLER
BARREL-BRIDGE ASSEMBLER
BARREL-CAP SETTER
BARREL-ENDSHAKE ADJUSTER
BARREL FINISHER
barrel-profile turner finisher
BARREL INSPECTOR I
BARREL INSPECTOR II
BENCH HAND
BEVELER
BEVELER, ENDSTONE CAP
BEVEL POLISHER I
polisher, bevel
BEVEL POLISHER II
BLOCK CLEANER
BLOCKER
blocker, polishing
BORING-MACHINE OPERATOR
BRUSHER
BRUSH POLISHER
BURNISHER
rotary burnisher
BURNISHER, BALANCE WHEEL ARM
BURNISHING-MACHINE OPERATOR
BURNISHING-PRESS OPERATOR
BURRER
burrer, hand
scraper burrer
BURRER, MACHINE
burring-machine operator
CANNON-PINION ADJUSTER
CAP-JEWEL PLATE ASSEMBLER
CARBIDE-TOOL MAKER
tool maker, carbide
CASE INSPECTOR
watchcase inspector
CASER
CASING FOREMAN
CHRONOMETER ADJUSTER
CHRONOMETER ASSEMBLER
CHRONOMETER-BALANCE-AND-HAIRSPRING ASSEMBLER
CLEARANCE CUTTER
CLOCK ASSEMBLER
COLLET DRILLER
COLLETER
COLLET MAKER
CONTROL CLERK
production-control clerk
CONTROL CLERK, DIAL
CONTROL CLERK, ESCAPEMENT
CONTROL CLERK, HAIRSPRING
CONTROL CLERK, HEAD
CONTROL CLERK, REPAIRS
CONTROL CLERK, SUB-ASSEMBLY
CONTROL CLERK, TRAINING AND MECHANISM
COORDINATE-MEASURING-MACHINE TECHNICIAN
COUNTERBORER
co-borer
COUNTERSINKER
co-sinker
COUNTERSINKER, BALANCE SCREW HOLE
COUNTER, WATCH PARTS
parts counter
CROWN ATTACHER
CROWN-WHEEL ASSEMBLER
CRYSTAL ATTACHER
CRYSTAL CUTTER
CRYSTALLOGRAPHER
CUTTER, V-GROOVE
groove turner
DAMASCENER
DAMASCENING FOREMAN
DEBURRER
deburrer, machine
DEBURRER, STRIP
DIAL BRUSHER
butler finisher
pumicer
DIALER
DIAL INSPECTOR
hands-and-dial inspector
DIAL MAKER
watch-dial maker
DIAL PASTER
DIAL RACKER
DIAL REFINISHER
watch-dial refinisher
DIAL-SCREW ASSEMBLER
DIALS FOREMAN
DIAMOND-DIE POLISHER
die cutter, diamond
die polisher
DIAMOND-DRILLER
driller, fine-diamond dies
DIAMOND SIZER AND SORTER
DIAMOND-TOOL MAKER
tool maker, diamond
DIRECTOR, MANUFACTURING
DOGGER
balance-staff inserter
DRILLER AND BROACHER
broacher and driller
DRILLING-MACHINE OPERATOR, AUTOMATIC
DUSTPROOF ASSEMBLER
END POLISHER
pivot-end polisher
polisher, ends
ENGRAVER, AUTOMATIC
FACER, BALANCE WHEEL
FACING-MACHINE OPERATOR
FELT ASSEMBLER
felt attacher
FILL LOADER
FINAL INSPECTOR
adjuster and inspector
finishing inspector
watch-assembly inspector
watch inspector, final movement
FINAL INSPECTOR, MOVEMENT ASSEMBLY
FINER
FINISH OPENER, JEWEL HOLE
jewel-hole finish opener
FLAT POLISHER
lap polisher
polisher, flat
FLAT SURFACER, JEWEL
jewel polisher
FOOT STRAIGHTENER
FOREMAN, INSPECTION AND TESTING
FOX-LATHE OPERATOR
GAGE CONTROLLER
gage inspector
GAGER
GRINDER I
grinder, watch parts
GRINDER II
GRINDER, LAP
lap grinder
HAIRSPRING ADJUSTER
HAIRSPRING ASSEMBLER
watch-hairspring assembler
HAIRSPRING CUTTER I
HAIRSPRING FOREMAN
HAIRSPRING INSPECTOR I
HAIRSPRING INSPECTOR II
HAIRSPRING STAKER
HAIRSPRING TRUER
HAIRSPRING-TRUING INSPECTOR
HAIRSPRING VIBRATOR
HAMMER ADJUSTER
HAND FILER, BALANCE WHEEL
filer, balance wheel
HANDS ASSEMBLER
HANDS INSPECTOR
HARDENER
HARDENER HELPER
HAUSER-PROFILING-MACHINE OPERATOR
HOOKING-MACHINE OPERATOR
HOROLOGICAL-METHODS ENGINEER
HOROLOGICAL TOOL-AND-DIE MAKER
INSPECTOR
INSPECTOR, CASING
INSPECTOR, SOLDERING
INSPECTOR, WATCH PARTS I
final-parts inspector
inspector, precision
INSPECTOR, WATCH PARTS II
INSTRUCTOR, HAIRSPRING
INSTRUCTOR, WATCH ASSEMBLY
JEWEL BLOCKER AND SAWYER
jewel sawyer
JEWEL-CORNER-BRUSHING-MACHINE OPERATOR
brushing-machine operator, jewel corner
JEWEL-CUPPING-MACHINE OPERATOR
JEWEL-DIAMETER GAGER
JEWEL FOREMAN
JEWEL GAGER
JEWEL GRINDER I
JEWEL GRINDER II
grinder, outside diameter
JEWEL-HOLE CORNERER
JEWEL-HOLE DRILLER
JEWEL-HOLE GAGER
JEWEL INSERTER
JEWEL INSPECTOR
inspector, jewels
JEWEL-SETTING STRINGER
JEWEL STAKER
JEWEL STRINGER
JEWEL STRIPPER
JOBMASTER
JOBMASTER, BALANCE ASSEMBLY
JOBMASTER, HAIRSPRING MANUFACTURE
JOBMASTER, METAL-DIAL MANUFACTURE
LACQUERER
LEVER MILLER
MAINSPRING-BARREL-ASSEMBLY CLEANER
MAINSPRING FOREMAN
MAINSPRING FORMER, ARBOR END
MAINSPRING FORMER, BRACE END
MAINSPRING REVERSE WINDER
MAINSPRING WINDER
spring winder
MAINSPRING WINDER AND OILER
mainspring-winding-machine operator
MASKER
stopper-off
MECHANICAL TECHNICIAN, LABORATORY
MECHANISM ASSEMBLER
MECHANISM INSPECTOR
MIKRON PROFILING-MACHINE OPERATOR
MIKRON RECESSING-MACHINE OPERATOR
MILLISKEENER
MODEL MAKER
MOTION INSPECTOR
OILER
OLIVING-MACHINE OPERATOR
jewel-oliving-machine operator
OVERCOILER
OVERCOIL STEPPER
PAINTER, POINTER
PALLET ASSEMBLER
PALLET RECTIFIER
PALLET-STONE GRINDER
PALLET-STONE INSERTER
PALLET-STONE POSITIONER
PEARLER I
PEARLER II
PIN INSERTER
PIN INSERTER, REGULATOR
regulator-pin inserter
PINION-AND-WHEEL CUTTING SET-UP MAN
PINION CUTTER
PINION INSPECTOR
PINION-MASTER-FORM-AND-CUTTER MAKER
PINION POLISHER
PINION STAKER
PIVOTER
PIVOT POLISHER
PLANING-MACHINE OPERATOR

Plate Inspector
Pointer Dipper
Pointer-Machine Operator
pointer
Pointer Mounter
Poiser, Balance
Poising Inspector
Polisher
Polisher, Balance Screwhead
screwhead polisher
Polisher, Dial
Polisher, Gold Wheel
blocker and polisher, gold wheel
Polisher, Numeral
Polisher, Screwhead Sides
screwhead polisher
Press Operator, Pierce and Shave
Product-Design Engineer, Chief
Profile-Grinder Technician
Profiler, Balance-Wheel Inside Diameter
balance-wheel profiler
Profiler, Hand
Profiling-Machine Operator
recessing-machine operator
Put-in-Beat Adjuster
Rayer
Reamer
Reamer, Center Hole
center-hole reamer
Repairman
Repairman, Balance
Repairman, Hairspring
Repairman, Train and Mechanism
Repairman, Watchcases
Rim-Turning Finisher
finisher, rim turning
Roller Staker
Rough Opener, Jewel Hole
jewel-hole rough opener
Scratch Brusher
Screw Foreman
Screwhead Polisher II
polisher, screwhead
Screw Inspector
Screw Inspector, Face and Bevel
Screwmaker, Automatic
screw-machine operator, automatic
Screwmaker, Hand Lathe
Screw Slotter
Set-Key Driver
Set-Staff Fitter
Set-Up Man
Sifter
Snailer
Solderer
Spring Layer
Spring-Manufacturing Set-Up Technician
Squaring-machine Operator
Staker
staking-machine operator
staking-press operator
Stoner
Stoner and Polisher, Bevel Face
screwhead stoner and polisher
Stoner, Hand
Strip Gager
mainspring-strip gager
Strip Inspector
mainspring-strip inspector
Studder, Hairspring
Supervisor, Inspection
Surfacer
surfacer, emery-paper
Swager and Piercer
Sweep-Press Operator
Swiss-Jig-Borer-and-Grinder Technician
Take-Off Operator
parts remover
Tap-and-Die-Maker Technician
Tapper I
tapping-machine operator
Tapper II
Tapper, Balance-Wheel Screw Hole
Tapping-Machine Operator, Automatic
Time-Clock Repairman
Timing Adjuster
timer
Timing-Machine Operator
rating-machine operator
Tool Engineer, Chief
Tooth Cutter, Clutch
Tooth Cutter, Escape Wheel
Tooth Cutter, Pinions
Bechler-tooth-cutting-machine operator
Tooth Cutter, Spur
wheel-cutting-machine operator
Tooth Hobber
tooth-hobbing-machine operator
Tooth Polisher
leaf polisher
Tornos-Machine Operator
Torque Tester
mainspring-torque tester
Touch-Up Girl
Trainer
Train Inspector
Transfer Inspector
Transferrer
watch-dial printer
Truer
Truer, Comparator
Tubing-Machine Operator
Tumbler
Tumbling-and-Rolling Foreman
Turner, Automatic Lathe
automatic-lathe operator
Turret-Lathe Operator, Tumble Tailstock
Underturner
Washer
Watch Adjuster I
Watch Adjuster II
Watch Assembler
Watch-Assembly Inspector I
Watch-Dial Stoner
Wheel-and-Pinion Inspector
Wheel Cutter
Wheel Inspector
Wheel Trimmer
Winder
Wire Cutter, Hairspring
hairspring cutter
Wire Drawer
Wire Threader

coal tar prod.—Primary Coal Tar Products Industry: This industry embraces occupations in the production and treatment of coal-tar crudes and intermediates, and of coal-tar derivatives, such as solvents, wood preservatives, dyestuffs, aromatic oils and perfume bases, cresylic acid, and toluene.

Absorption Operator
saturator
Acid Purifier
Anthracene Operator
Ball-Mill Operator
Blender I
dye blender
pigment blender
Bromination Man
Chemical Compounder
Chemical-Compounder Helper
Clarification Operator
creosol-separator operator
Color Maker
Distillation Foreman
supervisor, tar distillation
Distillation Operator
purification operator
Distillation - Operator Helper
Extractor-and-Wringer Operator
wringer-and-extractor operator
Filter-Tank Operator
Flaker Operator
drier-and-evaporator operator
finishing-pan operator
flaking-machine operator
pan operator
Flusher
Foreman
Foreman, Color Making
Foreman, Flushing
Foreman, Intermediates
Kettle Operator
Millman
Naphthalene-Still Operator
Optical-Brightener Maker
Optical-Brightener-Maker Helper
Phthalic-Acid Purifier
Pitch Flaker
Pulverizer
blender
salicylic-acid blender
Purification Operator I
Sublimer
Sulfonation Man
Tar-Heater Operator
Tub Operator
Weighman

coin mach.—Vending, Amusement, and Other Coin-Operated Machines Industry: This industry covers occupations concerned with the manufacture of vending, amusement, and other coin-operated machines and the manufacture of coin-operated mechanisms for use in such devices. Occupations concerned with the manufacture of coin-operated phonographs are included in the Phonograph Industry (phonograph), and occupations concerned with the manufacture of coin-operated scales and balances are included in the Balances and Scales Industry (bal. & scales).

Assembler
Coin-Machine Asssembler
switchpanel mounter
Coin-Machine Foreman
Foreman, Cooler Service
manager, vending department
Pin-Game-Machine Inspector
Quality-Control Technician
Vending-Machine Assembler
Vending-Machine Repairman
Wire Cutter

coke prod.—Coke Products Industry: Covered by this designation are occupations engaged in the production of coke and the resulting byproducts by the distillation of coal in "beehive" and "byproduct" ovens.

Acid Extractor
washerman
Belt Cleaner
Benzene-Washer Operator
acid-wash operator
agitator man
agitator operator
benzene operator
benzol operator
Binman
Binman, Koppers Ovens
Binman, Solvay Ovens
Boat Cleaner
Breaker Tender
Cantilever-Crane Operator
rig operator
Car Pincher
car shifter
Chaser, Tar
tar chaser
tarman
tar runner
Clay Mixer
Coke Burner
Coke-Crusher Operator
Coke Drawer, Hand
scraper-out man
Coke Inspector
Coke Loader
loader, coke
Coke-Oven Mason
Crusher-and-Blender Operator
pulverizer operator
Decarbonizing-Cap Man
Desulfurizer Operator
operator, desulfurizer
purification man
Dock Cleaner
Drier Man, Naphthalene
Engineer, Exhauster
byproduct engineer
engineer, byproduct
Foreman, Byproducts
Foreman, Coal Handling
coal-handling foreman
Foreman, Coke Handling
coke-handling foreman
Foreman, Dock
Foreman, Ovens
Heater
Larryman
charger-car operator
charging-car operator
gas tender
Luterman
dauber
luter
mud-car man
paster
Mud-Mixer Helper
Mud-Mixer Operator
mixer man
mixer operator
mud grinder
mud-mill man
mud-mill operator
Mud-Trucker
Naphthalene Operator
Naphthalene-Operator Helper
helper, naphthalene operator
Operator, Door Machine
discharge-door man
door-jack man
door-machine operator
Oven-Equipment Repairman
Oven-Heater Helper
heater helper
Patcher
Patcher Helper
helper, patcher
Pumpman, Byproducts
primary coolerman
pump tender
tar-and-ammonia pump operator
Pusherman
pusher engineer
pusher operator
Pyridine Operator
pyridine-recovery operator
Quenching-Car Man
hot-car man
hot-car motorman
hot-car operator
Sampleman, Ovens
Sampler
Saturator Man
ammonium-sulfate operator
sulfate operator
Screenman
shaker operator
Standpipeman
damperman
topman
valve man
Stillman, Ammonia
ammonia stillman
pump-and-still operator
stillman, byproducts
Sulfate-Drier-Machine Operator
Thaw-Shed Operator
Wash-Oil-Pump Operator
light-oil operator
wash-oil-cooler operator
Wash-Oil-Pump Operator Helper
light-oil operator
Wet-Pan Mixer
Wharfman
wharf tender

comp. & liquefied gases—Compressed and Liquefied Gases Industry: This industry embraces occupations in the production of compressed, liquefied gases, such as acetylene, chlorine, helium, hydrocarbon gases, hydrogen, liquid air, nitric oxide (laughing gas), oxygen, and the manufacture of dry ice (solidified carbon dioxide).

Acetylene-Cylinder-Packing Mixer
Acetylene-Plant Operator
generator man
Blow-Off Man
Carbon-Dioxide Operator
Compressed-Gas-Plant Worker
Compressor Operator
Converter Operator
Cylinder Checker
Cylinder Devalver
Cylinder Filler
charging man
charging operator
cylinder loader
drum filler
drum man
filler
gas worker
manifold operator
oxygen-cylinder-charge man
pumper
Cylinder Handler
Cylinder Inspector-and-Tester
cylinder tester
Cylinder Inspector-and-Tester—Continued
gas-cylinder inspector
hydrostatic tester
Cylinder Steamer
Cylinder Valver
Foreman, Chlorine Liquefaction
Foreman, Liquefaction
Gas Chief
gas-plant foreman
Gas-Transfer Man
transfer man
Gas Worker I
engineer
helium-purification-laboratory operator
Gas Worker II
Gas Worker IV
gas worker, engineer
Gas Worker V
Gas Worker VI
Gas Worker, Chief
Gas-Worker Helper
Hoist Cylinder Loader
Hydrogen-Generator Operator
gas worker
Hydrogen Operator
Ice Handler

comp. & liquefied gases—continued

LIQUEFACTION-PLANT OPERATOR
chlorine operator
chlorine-plant operator
liquefier
liquid-chlorine operator
MAINTENANCE MECHANIC, COMPRESSED-GAS PLANT
MIXER
NITROGEN OPERATOR
OXYGEN-PLANT OPERATOR
PRESS OPERATOR
carbon-dioxide operator
REFRIGERATION OPERATOR
SERVICE MECHANIC, COMPRESSED-GAS EQUIPMENT
TANK-CAR INSPECTOR
TESTER, AMMONIA SHIPPING
TESTER, COMPRESSED GASES
compressed-gas tester
gas tester
THERMALENE-GAS-PLANT OPERATOR
TON-CONTAINER FILLER
TON-CONTAINER SHIPPER
TON-CYLINDER INSPECTOR
TUBE-TRAILER FILLER
UTILITY OPERATOR
VALVE REPAIRMAN
cylinder-valve repairman
valve inspector
valve inspector-and-assembler
VALVE STEAMER
WATER-GAS OPERATOR

conc. prod.—CONCRETE PRODUCTS INDUSTRY: This industry includes occupations in the manufacture of concrete products, such as brick, building block and tile, cast stone, pipe and conduit, poles and piling, vaults, and miscellaneous articles made of sand and gravel, and of sand and crushed rock or cinders, bound together with cement. Concrete construction work on buildings, bridges, etc., is included under the CONSTRUCTION INDUSTRY (const.).

ACID CUTTER
BATCHER, PRECAST AND PRESTRESSED CONCRETE
BELL TIER
BLOCK BREAKER
BLOCK CUBER
BLOCK-MAKING-MACHINE OPERATOR
block maker
off-bearer, automatic, block-making machine
BRICK VENEER MAKER
BUCKET MAN
troughman
CAGE MAKER
CAGE MAKER, MACHINE
CAGE TIER
CEMENT-GUN-MIXING-MACHINE OPERATOR
CEMENT-GUN NOZZLEMAN
cement sprayer
insulator
nozzleman
CEMENT-GUN NOZZLEMAN HELPER
cement-gun hoseman
nozzleman helper
CEMENT-GUN OPERATOR
CEMENT-TILE MAKER
CENTRAL-BATCH-PLANT OPERATOR
batcherman
batching-and-mixing-plant operator
concrete batcherman
CINDER-CRUSHER OPERATOR
CONCRETE-FITTINGS MAN
CONCRETE-FLOAT MAKER
CONCRETE-MIXER OPERATOR
batching-and-mixing plant operator
cement-mixer operator
central-mixer-plant operator
concrete batchman
concrete mixer
mixer
mixer man
mixer operator
mixer runner
mixing-machine operator
mixing man
CONCRETE-PIPE MAKER
poured-pipe maker
CONCRETE-PIPE-MAKING-MACHINE OPERATOR
CONCRETE RUBBER
cement patcher
cement rubber
concrete pointer
concrete polisher
CONCRETE SCULPTOR
CONCRETE-STONE FABRICATOR
CONCRETE-STONE FINISHER
CONCRETE-VAULT MAKER
CONTROL-BOARD OPERATOR
CRUSHER OPERATOR
crusher feeder
crusher man
crusher-plant operator
crusher tender
screening-plant operator
DRAIN-TILE-MACHINE OPERATOR
FLUE-LINING DIPPER
FOREMAN, CONCRETE-BLOCK PLANT
block plant foreman
FOREMAN, CONCRETE-PIPE PLANT
pipe plant foreman
FOREMAN, CONCRETE-STONE FABRICATING
casting foreman
FOREMAN, CONCRETE-STONE FINISHING
finishing foreman
FOREMAN, WET POUR
FORM OILER
FORM STRIPPER
crew stripper
form wrecker
rod puller
FORM STRIPPER AND ASSEMBLER
GUNITE MAN
GUNITE-MAN HELPER
INSPECTOR
LABORER, CONCRETE PLANT
LABORER, PRESTRESSED CONCRETE
MIXER, WET-POUR
mixer operator
MODEL-AND-MOLD MAKER, PLASTER
MODEL MAKER, PLASTER
MOLDER, BENCH
MOLD MAKER
carpenter, mold
mold-forms builder
patternmaker
MOLD MAKER, PLASTER
MORTAR-LINER MAN
lining-machine operator
MORTAR MIXER
mortar man
mortar-mixer operator
mud man
PACKERHEAD-MACHINE OPERATOR
PIPE STRIPPER
PLASTERER, MOLDING
plasterer, ornamental
PLASTER MIXER
PORTABLE GROUT-MIXER OPERATOR
PRECAST MOLDER
precast man
ROUGH PATCHER
ROUND-UP-RING MAN
SANITARY-TUB MAKER
SHOT-COAT MAN
SPIN-CAST-PIPE MAN
centrifugal spinner
feeder operator
spinnerman, concrete pipe
STONE SPLITTER
splitter
STULL MAN
TENSIONING-MACHINE OPERATOR
VIBRATOR MAN
WINDING-MACHINE OPERATOR
YARDER

confection.—CONFECTIONERY INDUSTRY: This industry embraces occupations in the manufacture of bonbons, hard and soft candy, popcorn balls and cakes, stuffed dates, and other confections. The manufacture of chewing gum is included in the CHEWING GUM INDUSTRY (chew. gum). The manufacture of chocolate and pure chocolate confectionery products, such as solid chocolate bars and drops, is included in the CHOCOLATE AND COCOA PRODUCTS INDUSTRY (choc. & cocoa).

ALMOND-PAN FINISHER
ALMOND-PASTE MIXER
marzipan maker
ALMOND-PASTE MOLDER
marzipan molder
BALL-MACHINE OPERATOR
ball-rolling-machine operator
candy roller
BONBON-CREAM WARMER
BONBON DIPPER
BOX CLOSER
CANDY-BAR-CORE INSPECTOR
CANDY CATCHER
CANDY CUTTER, HAND
CANDY DECORATOR
CANDY MAKER
batch maker
boiler
confectioner
cook, candy
CANDY MAKER, BAR
CANDY-MAKER HELPER I
candy-cooker helper
whipper-beater
CANDY MOLDER, HAND
molder, hand
novelty-candy maker
paste worker
CANDY PACKER
CANDY PULLER
hard-candy batch-mixer
slabman
CANDY SEPARATOR, HARD
CANDY SPREADER
candy-maker helper
CANDY-SPREADER HELPER
CANDY - WAFFLE ASSEMBLER
CANDY - WRAPPING - MACHINE OPERATOR
CARAMEL-CANDY MAKER
CARAMEL-CANDY-MAKER HELPER
CARAMEL CUTTER, HAND
CARAMEL-CUTTER HELPER
CARAMEL CUTTER, MACHINE
CASTING-MACHINE OPERATOR I
CENTER-MACHINE OPERATOR
casting-machine operator
CENTER-MACHINE OPERATOR—Continued
extruding-machine operator
CHEESE SPRAYER
CHEMIST, CONFECTIONS
CHERRY DIPPER
CHOCOLATE COATER
CHOCOLATE-MACHINE OPERATOR
CHOCOLATE MOLDER
CHOCOLATE-PEANUT PANMAN
CHOCOLATE TEMPERER
tempering-machine operator
COCONUT-CANDY MAKER
COCONUT COOKER
COCONUT-JELLY ROLLER
CONFECTIONERY COOKER
cream man
CONFECTIONERY-DROPS-MACHINE OPERATOR
CREAM DIPPER
CRYSTAL-SIRUP MAKER
CUT-ROLL-MACHINE OFF-BEARER
CUTTING-MACHINE OPERATOR
candy cutter, machine
cutter, machine
slicing-machine feeder
stripper-machine operator
CUTTING - MACHINE - OPERATOR HELPER
DATE PULLER
DECORATOR
decorator, hand
ornamenter
DEPOSITING-MACHINE OPERATOR
first helper
starch crab
DIPPER, HAND
candy dipper, hand
coater
icing dipper
ENROBING - MACHINE CORDER
decorator, hand
streaker
stringer
stroker
ENROBING - MACHINE FEEDER
candy feeder
candy separator, enrobing
dipping-machine feeder
enrober tender
ENROBING - MACHINE OPERATOR
dipper, machine
dipping-machine operator
FACTORY HELPER
general utility helper
FONDANT COOKER
FONDANT-PUFF MAKER
FOREMAN, CANDY
FOREMAN, ENROBING
FOREMAN, HARD CANDY
FRUIT CUTTER
FRUIT STUFFER
FUDGE-CANDY MAKER
HARD-CANDY MAKER
ICING COATER
ICING MAKER
INSPECTOR
KING MAKER
KISS MIXER
KISS SETTER, HAND
sea-foam-kiss maker
LOZENGE-DOUGH MIXER
LOZENGE MAKER
LOZENGE-MAKER HELPER
MARSHMALLOW MAKER
MARSHMALLOW PACKER
MARSHMALLOW RUNNER
MINT-LOZENGE MIXER
MINT-MACHINE OPERATOR
MINT-WAFER DEPOSITOR
MOLASSES-CANDY-KISS INSPECTOR
MOLDING-MACHINE OPERATOR
mogul operator
MOLDING-MACHINE-OPERATOR HELPER
mogul feeder
stack puller
NOUGAT-CANDY MAKER
NOUGAT - CANDY - MAKER HELPER
NOUGAT CUTTER, MACHINE
NUT CHOPPER
PANMAN
candy polisher
coater
coating-machine operator
finisher
glazer
grosser
pan operator
polisher
PANMAN HELPER
PANTRYGIRL
PAN WASHER, HAND
PECAN-MALLOW DIPPER
POPCORN-CANDY MAKER
POPPER
corn popper
popcorn maker
popped-corn oven attendant
RAISIN-SEPARATOR OPERATOR
ROLLER I
candy mixer
candy roller
center maker, hand
slab worker
stick roller
ROLLER II
ROLLING-MACHINE OPERATOR
candy-rolling-machine operator
cut-roll-machine operator
roller operator
ROUGHER
SANDING-MACHINE OPERATOR
sugared-center man
SANDING-MACHINE OPERATOR HELPER
SCRAP GIRL
SIRUP CRYSTALLIZER
SPINNER
batch-roller operator
hard-candy spinner
set-up man
stick-candy puller
stick spinner
SPINNER HELPER
STARCH DUMPER
STARCHMAKER
candy-starch-mold printer
printer
starch boy
STEAMER, GUM CANDY
SUCKER-MACHINE OPERATOR
lollypop-machine operator
lollypop maker
SUGAR-COATING HAND
TABLE GIRL
TAFFY-CANDY MAKER
TAFFY PULLER
TOY SORTER
VACUUM-COOKER OPERATOR
VANILLA-CHOCOLATE-COIN COUNTER

const.—CONSTRUCTION INDUSTRY: This industry covers occupations in various types of construction projects, such as bridges, viaducts, and piers; buildings; highways and streets; pipelines; railroads; river and harbor projects; and sewers, tunnels, and waterworks; and in the wrecking of buildings and other structures. Remodeling, repairing, and unusual maintenance functions, other than those normally carried on by the various industrial establishments, are included in this industry.

ACIDIZER, WATER WELL
ACOUSTICAL CARPENTER
acoustical-material worker
metal-tile lather
ADJUSTABLE-STEEL-JOIST-SETTER FOREMAN
steel-setter foreman, adjustable joists
ADZMAN, PILE TRIMMING AND CAPPING
AGGREGATE-CONVEYOR OPERATOR
AIR-HAMMER OPERATOR
air-braker operator
air-gun operator
air-tool operator
ALBERENE-STONE SETTER
ALUMINUM-SHINGLE ROOFER
ALUMINUM-SIDING INSTALLER
ARTIFICAL-STONE SETTER
ASBESTOS-SHINGLE ROOFER
ASBESTOS-SIDING INSTALLER

ASPHALT DAUBER
ASPHALT DUMPMAN
ASPHALT-HEATER MAN
ASPHALT-MIXER MAN
asphalt-plant boxman
asphalt-plant weigher
oil-mix-plant weigher
ASPHALT-PAVING FOREMAN
ASPHALT-PAVING-MACHINE OPERATOR
asphalt-spreader operator
bituminous-paving-machine operator
black-top-paver operator
black-top spreader
mechanical-spreader operator
paving-machine operator, asphalt or bituminous
ASPHALT-PLANER OPERATOR
ASPHALT-PLANT DRIER OPERATOR
drier operator
ASPHALT-PLANT MAN
bunkerman
dust handler
dustman
screenman
ASPHALT-PLANT OPERATOR
asphalt-batcher operator
asphalt-batch-plant operator
blacktop-plant operator
hot-mix operator
ASPHALT RAKER
black-top raker
macadam raker
ASPHALT SHOVELER
ASPHALT TAMPER
ASPHALT, TAR, AND GRAVEL ROOFER
ASPHALT-TILE-FLOOR LAYER
ASSEMBLER, METAL BUILDING
AUTOMATIC-DOOR SERVICEMAN
AWNING HANGER
awning erector
awning installer
AWNING-HANGER HELPER
installation helper
AXMAN, PILE TRIMMING AND CAPPING
BACKFILLING FOREMAN
BACKFILL TAMPER
tamper
BACK-UP MAN
backer-up
back-pipe tongman
BAG SHAKER
BALLAST-REGULATOR OPERATOR
ballast equalizer
BANK BOSS
bank-filling foreman
dike supervisor
dump foreman
shore foreman
BATCH-PLANT OPERATOR
aggregate weigher
batcherman
hopper man
mix weigher
scaleman
BAT-IN MAN
BATTERBOARD SETTER
batterboard man
grade man
BELL MAN I
bell-hole digger
BELTMAN
belter
BILLBOARD ERECTOR-AND-REPAIRMAN
BILLBOARD-ERECTOR HELPER
BLADE-GRADER OPERATOR
blade man
grader, machine
road grader
subgrade finisher
BLANKET-INSULATION WORKER
BLOCK CUTTER
BLOCK-INSULATION WORKER
BLOCK PAVER
BLOCK SETTER, GYPSUM
BOOTMAN
asphalt-distributor operator
leverman
tail-end man
BOWLING-ALLEY-INSTALLATION FOREMAN
bowling-alley mechanic
carpenter foreman, bowling alley
BREAST WORKER
BRICK CLEANER
BRICKLAYER
BRICKLAYER APPRENTICE
BRICKLAYER FOREMAN
BRICKLAYER HELPER
bricklayer tender
brickmason helper
brick tender
laborer, brick
BRICKLAYER HELPER, SEWER
BRICKLAYER, PAVING BRICK
block layer, paving
bricklayer, bat-in worker
brick paver
granite-block layer
paving cutter
BRICKLAYER, SEWER
sewer-arch builder
sewer paver
BRICK-PAVING CHECKER
BRIDGE-MAINTENANCE MAN
BRUSHMAN
BUFFING-MACHINE MAN
BUILDING CLEANER, BRICK OR STONE
BUILDING CLEANER, SANDBLASTER
nozzleman, sandblasting
nozzle operator, building bleaching
sandblaster
BUILDING CLEANER, STEAM
steamblaster
steam cleaner, building
steam-cleaning nozzleman
BUILDING-CONSTRUCTION ENGINEER
BUILDING-CONSTRUCTION INSPECTOR
BUILDING-INSULATING CARPENTER
BUILDING-INSULATING ENGINEMAN
feeder man
power-unit operator
BUILDING-INSULATION FOREMAN
insulation foreman
BUILDING-WRECKING FOREMAN
wrecker, boss
wrecking foreman
BULL-GANG MAN
bull-gang worker
BULL-STICK MAN
CABLE FOREMAN
cable-splicing foreman
CABLE PULLER
cable placer
cable rigger
CABLE SPLICER
cable repairman
electrician, cable-splicing
splicer
CABLE-SPLICER APPRENTICE
splicer apprentice
CABLE-SPLICER HELPER
CAGE TENDER
bottom man
CAISSON WORKER
CALCIMINER
CALKER
building calker
CALKER (const.; ship & boat bldg. & rep.)
CAPSTAN MAN
drum-and-cable man
CARPENTER
CARPENTER APPRENTICE
CARPENTER FOREMAN
CARPENTER HELPER, HARDWOOD FLOORING
CARPENTER HELPER, MAINTENANCE
CARPENTER-LABOR FOREMAN
CARPENTER, ROUGH
bracer
timberman
CEMENT-BLOCK-MANHOLE BUILDER
CEMENT-CAR DUMPER
CEMENT-CONVEYOR OPERATOR
CEMENT-FINISHING FOREMAN
CEMENT-GUN-MIXING-MACHINE OPERATOR
CEMENT-GUN NOZZLEMAN
cement sprayer
insulator
nozzleman
CEMENT-GUN-NOZZLEMAN HELPER
cement-gun hoseman
nozzleman helper
CEMENT-GUN OPERATOR
CEMENT HANDLER
CEMENT MASON
cement finisher
cement paver
concrete finisher
concrete floater
CEMENT-MASON APPRENTICE
cement-finisher apprentice
concrete-finisher apprentice
CEMENT-MASON HELPER
cement-finisher helper
concrete-finisher helper
concrete-mason helper
concrete-screeder helper
CEMENT MASON, HIGHWAYS AND STREETS
cement finisher, highways and streets
concrete finisher, highways and streets
concrete-finisher, paving
float finisher
sidewalk layer
CEMENT MASON, HIGHWAYS AND STREETS—Con.
surfaceman
CEMENT-PUMP OPERATOR
pumpman
CEMENT-SACK BREAKER
CENTER-LINE-CUTTER OPERATOR
CENTRAL-BATCH-PLANT OPERATOR
batcherman
batching-and-mixing plant operator
concrete batcherman
CHAINMAN, PILE DRIVING
CHERRY-PICKER OPERATOR
car changer
CHIMNEY BUILDER, BRICK
CHIMNEY BUILDER, REINFORCED CONCRETE
CHIMNEY ENGINEER
CHIMNEY ERECTOR
CHIMNEY FOREMAN BRICK
topman
CHIMNEY FOREMAN REINFORCED CONCRETE
CHIMNEY REPAIRMAN
CINDER-BLOCK MASON
CLAMPMAN
CLAY-SPADE MAN
CLEARING FOREMAN
clean-up foreman
right-of-way foreman
COATING INSPECTOR, PIPE LINE
dope inspector
COFFERDAM-CONSTRUCTION FOREMAN
COLD-PATCH MAN
laborer, cold patching
COMBINATION-WINDOW INSTALLER
COMPOSITION ROOFER
COMPOSITION-WEATHERBOARD APPLIER
composition-siding man
COMPRESSED-AIR-PILE-DRIVER OPERATOR
COMPRESSOR-ENGINEER, CAISSON
compressor operator
hydraulic-machine operator
CONCRETE-BATCHING AND MIXING-PLANT FOREMAN
batch-plant foreman
CONCRETE-BLOCK MASON
CONCRETE-BREAKER
CONCRETE-BUCKET HOOKER
CONCRETE-BUCKET LOADER
CONCRETE-BUCKET UNLOADER
CONCRETE-BUSTER OPERATOR
CONCRETE-CHIPPER MAN
CONCRETE-CONVEYOR OPERATOR
CONCRETE CURER
burlap and curing man
burlap man
hoseman
pavement curer
CONCRETE-FINISHING-MACHINE OPERATOR
CONCRETE-GUN-MIXING-MACHINE OPERATOR
CONCRETE-GUN OPERATOR
concrete-placer operator
CONCRETE-HOPPER OPERATOR
CONCRETE-HOPPER-OPERATOR HELPER
CONCRETE-MIXER LOADER, TRUCK MOUNTED
CONCRETE-MIXER OPERATOR
batching-and-mixing-plant operator
cement-mixer operator
central-mixer-plant operator
concrete batchman
concrete mixer
mixer
mixer man
mixer operator
mixer runner
mixing-machine operator
mixing man
CONCRETE-MIXING-TRUCK DRIVER
batch-mixing-truck driver
moto-mix operator
ready-mix-truck driver
transit-mix operator
CONCRETE-PANEL INSTALLER
CONCRETE-PAVER OPERATOR
mixer operator, concrete paving
paver operator
paving-machine operator, concrete
CONCRETE-PAVER-OPERATOR HELPER
engineer oiler and signal man
paving-operator helper
CONCRETE-PAVING FOREMAN
CONCRETE-PAVING-MACHINE OPERATOR
CONCRETE-PILE-DRIVER OPERATOR
CONCRETE-POURING FOREMAN
CONCRETE PUDDLER
concrete shoveler
concrete spader
concrete spreader
concrete tamper
CONCRETE-PUMP OPERATOR
pumpcrete operator
pumpman
CONCRETE-PUMP-OPERATOR HELPER
concrete-gun-operator helper
concrete-placer-operator helper
CONCRETE RUBBER
cement patcher
cement rubber
concrete pointer
concrete polisher
CONCRETE SCREEDER
strike-off man
CONCRETE-TOWER-HOIST OPERATOR
cement-hoist man
CONCRETE-VIBRATOR OPERATOR
concrete tamper
concrete-vibrating-machine operator
vibrator-tamper man
CONCRETE-VIBRATOR-OPERATOR HELPER
tamper-man helper
vibrator-man helper
vibrator-operator helper
CONCRETE-WALL-GRINDER OPERATOR
concrete-grinder operator
CONCRETING FOREMAN
CONDUIT MECHANIC
conduit man
duct layer
CONNECTION MAN
connector
CONSTRUCTION-EQUIPMENT MECHANIC
CONSTRUCTION-EQUIPMENT-MECHANIC HELPER
CONSTRUCTION INSPECTOR
CONSTRUCTION WORKER I
CONSTRUCTION WORKER II
CONTRACTOR
CONTROL-BOARD OPERATOR
CONVEYOR-BELTMAN, CONCRETE MIXING PLANT
COOLING-PIPE INSPECTOR
pipe inspector
CORE-DRILLER FOREMAN
test-boring crew chief
CORKBOARD-INSULATION WORKER
CORK INSULATOR, INTERIOR SURFACE
insulation worker, interior surface
CORK-TILE-FLOOR LAYER
CORRUGATED-SHEET-MATERIAL SHEETER
CRADLE PLACER
pipe-cradle placer
CRANKMAN
CRUSHED-STONE GRADER
CRUSHER OPERATOR
crusher feeder
crusher man
crusher plant operator
crusher tender
screening-plant operator
CULVERT-LAYING FOREMAN
CURB BUILDER
CURB FOREMAN
CURB SETTER
CURB-SETTER HELPER
granite-cutter helper, curb setting
CURING-MACHINE OPERATOR
DAMPPROOFER
painter, waterproofing
DEMOLITION-HAMMER OPERATOR
DIESEL-PILE-DRIVER OPERATOR
DIESEL-ROLLER OPERATOR
DISPATCHER
DISPATCHER, READY-MIX PLANT
DITCH-CHECK BUILDER
DITCH DIGGER
backfiller, hand
bottom man
laborer, excavation
pick-and-shovel man
trench backfiller
trench digger
DITCHER OPERATOR
DITCHING FOREMAN
DITCH INSPECTOR
DIVER PUMPER
DOCK BUILDER
DOOR HANGER
DOPE FOREMAN
joint foreman
DOPEMAN
dope pourer
mastic man
pipe tarman
DOWEL-PIN MAN
DRAIN LAYER
drain-tile layer
drain tiler

const.—continued

Dredge-Dipper Tender
bucketman
Dredge Leverman
Dredge Operator
dredge pumpman
Dredge Pipeman
Drifter
Driller, Water Well
drilling-machine operator
well borer
Drop-Hammer-Pile-Driver Operator
Dry-Wall Applicator
dry-wall nailer
sheetrock man
Dry-Wall Sander
Duct Installer
Duct Layer I
Duct-Layer Foreman
Duct-Layer Helper
Dump Grader
dumpman, truck
grading spotter
Dumping Foreman
Dumpman, Central-Concrete Mixing Plant
Earth-Boring-Machine Operator
earth-auger operator
hole-digger operator
post-hole digger
Electric-Distribution Checker
distribution checker
Electric-Pile-Driver Operator
Elevating-Grader Operator
mucker man
plow holder
plow shaker
Elevator Constructor,
elevator builder
elevator erector
elevator installer
elevator mechanic
Elevator Constructor, Electric
Elevator-Constructor Foreman
Elevator-Constructor Helper
elevator-erector helper
Elevator Constructor, Hydraulic
Engineering-Equipment Mechanic
heavy equipment mechanic
Engineering-Equipment-Mechanic Helper
Engineer Inspector
Equipment-Records Supervisor
Escalator Constructor
Expansion-Joint Finisher
Fabrication Foreman
Falsework Builder
Fence Erector
ironworker, wire-fence erector
wire-fence builder
Fence-Erector Foreman
Fence-Gate Assembler
Fence Setter
Fence Stretcher
Field Cashier
Filter-Bed Placer
laborer, filter bed
Fine-Grade Man
fine grader
Fine-Grading Foreman
Finish Carpenter
Finished-Hardware Erector
Firebrick-and-Refractory Repairman
cupola repairman, bricklaying
furnace mason
furnace repairman, bricklaying
refractory repairman
Fireman, Pile Driver
Fitter
spacer
Flagman
Flagsetter
Floor Finisher
Floor-Finisher Helper
Floor Layer
floor coverer
floor-covering-block layer
Floor-Layer Apprentice
floor-coverer apprentice
Floor-Layer Helper
Floor-Sander Helper
Floor-Sanding-Machine Operator
carpenter, floor sanding
floor sander
floor scraper
Form Builder
carpenter, form
wood-form builder
Form-Builder Helper
Form-Building Foreman
Form Cleaner
form scraper
Form-Grader Operator
concrete-paving-form grader
Form Oiler
form swabber
painter, steel
Form-Setter Foreman
Form-Setter Helper
Form Setter, Metal Road-Form
form fitter, metal road-forms
Form Setter, Steel Forms
Form Setter, Steel-Pan Forms
Form Setter, Wood Forms
Form Setter, Wood Road-Forms
Form Stripper
form puller
form remover
form wrecker
paving-form mover
Form Stripper (conc. prod.; const.)
crew stripper
form wrecker
rod puller
Form-Stripper Helper
Form Tamper I
laborer, form tamping
Form-Tamper Operator
form tamper
form-tamping-machine operator
tamping-machine operator, road forms
Foundation-Drill Operator
Foundation-Drill-Operator Helper
stem-man helper
Framing Carpenter
Gang-Vibrator Operator
Garage-Door Hanger
Gas Fitter
Gas-Fitter Helper
Gas-Roller Operator
Gin-Pole Operator
Glazier
glass setter
glassworker
glazier, plate glass
Glazier Apprentice
Glazier Foreman
Glazier Helper
Glazier, Structural Glass
Grader
grade man
laborer, grading
subgrader
Grade Tamper
laborer, hand tamping
tamper, hand
Grading Foreman
dirt-working foreman
excavating foreman
rough-grading foreman
Granite Setter
Gravel Inspector
Groundman II
groundsman
Ground Wireman
Grouter Helper
Grout Foreman
Grout-Pump Operator
cement-gun operator
grouter
grout-mixer-and-placer operator
pneumatic-placing-machine operator
Grubber
axman
clearing man
sawman
sawyer
Gunite Man
Gunite-Man Helper
Gutter-Mouth Cutter
Hammerman, Pavement Breaking
Hardwood-Floor Layer
Heater-Planer Operator
asphalt-surface-heater operator
burner man
heater operator
High Scaler
Highway Foreman
Highway Inspector
inspector
road inspector
Hod Carrier
Hole-Digger-Truck Driver
Holiday-Detector Operator
electric-detector operator
jeeper operator
pipe jeeper
Hollow-Tile-Partition Erector
Hoosier Poleman
Horizontal-Earth-Boring-Machine Operator
boring-machine operator
tunneling-machine operator
Horizontal-Earth-Boring-Machine-Operator Helper
boring-machine-operator helper
House Builder
House Carpenter
House Mover
House Repairman
Hydrant-and-Valve Setter
Hydraulic-Jack Adjuster
Insert Man
Inside-Joint Man
Installation Superintendent, Pin-Setting Machine
Instrument Fitter
Insulation Hoseman
blower insulator
hoseman
house insulator
insulation nozzleman
Insulation Installer
insulator
Insulation Worker
asbestos worker
Insulation-Worker Apprentice
insulator apprentice
Interior-Wiring Inspector
Jackhammer Operator
Jack-Tamp Operator
Jalousie Installer
Joint-Cleaning-and-Grooving-Machine Operator
joint-cleaning-machine operator
pavement-joint-cleaning-machine operator
Joint Filler
laborer, expansion-joint filling
tar-joint filler
Joint-Machine Operator
Joist Setter, Adjustable Steel
adjustable steel joist erector
steel setter, adjustable joists
Kettleman
burner man
dope fireman
dope heater
furnaceman
heater man
hot man
pot man
Laboratory-Equipment Installer
Labor-Crew Foreman
Laborer, Adjustable Steel Joist
Laborer, Batching Plant
batching-plant attendant
batching-plant dumper-man
Laborer, Bituminous Paving
laborer, asphalt
Laborer, Carpentry
carpenter helper
hammer-and-saw man
hatchet-and-saw man
Laborer, Carpentry, Dock
carpenter helper, dock
Laborer, Cement-Gun Placing
Laborer, Concrete Chipping
Laborer, Concrete-Mixing Plant
concrete-mixer operator helper
laborer, mixing plant
machine helper
mixer man
mixer-man helper
mixer tender
Laborer, Concrete-Mixing Plant—Con.
mixing-plant dumperman
Laborer, Concrete Paving
steel man, dowel-pin placing
Laborer, Corrugated-Iron-Culvert Placing
Laborer, Electric Power and Transmission Line
Laborer, Heading
Laborer, Paving Brick
Laborer, Pile Driving, Ground Work
cant-hook man, pile driving
groundman
linesman, pile driving
lumber handler, pile driving
pile-driver helper
pile-driver man, groundwork
piling setter
Laborer, Pile Trimming and Capping
Laborer, Pipe Line
Laborer, Plumbing
Laborer, Road
fill jetter
grader
jetting-machine operator
Laborer, Salvaging
Laborer, Shaft Sinking
Laborer, Shore Dredging
dump man
Laborer, Steel Handling
Laborer, Stone-Block Ramming
stone-block rammer
Laborer, Wrecking
Laborer, Wrecking and Salvaging
groundman
Labor Expediter
transportation expediter
Labor-Gang Foreman
gang foreman
Lather
Lather Apprentice
Lather Foreman
Lawn-Sprinkler Installer
Lay-Out Carpenter
Lay-Out Man
Leadite Man
Leadsman, Pile-Driving
holder, pile driving
piledriver man
Lift-Slab Operator
slab lifting engineer
slab lifting foreman
Lightning-Rod Erector
Lineman
Linoleum-Floor Layer
Linoleum Layer
Linoleum-Layer Helper
Linoleum-Tile-Floor Layer
Lip-Curb Finisher
Lock Tender I
Lock Tender II
Loftsman, Concrete Mixing Plant
Loftsman, Pile-driving
stickman
timberman
topman, pile-driving
Longitudinal-Float Operator
Lower-In Foreman
Machine Mover
Mahoney-Machine Operator
Maintenance Man, Sewer
Maintenance Man, Sewer-and-Waterworks
Maintenance Man, Waterworks
Manager, Camp
camp supervisor
Manhole Builder
Man-lock Tender
Manufacturing-Process-and-Product Inspector
Marble Setter
Marble-Setter Helper
Marine Driller
Marsh-Buggy Operator
Mason
Mason Helper
Masonry Inspector
Mason Superintendent
Material-Crew Foreman
loading leadman
moving-crew foreman
Material Hauler
laborer, material hauling
Material Lister
Material-Lock Tender
Metal-Fence Erector
Metal Furrer
Metal Lather
Metal Sash Setter
Metal-Tile Setter
Miner
Mineral-Wool-Insulation Foreman
Miner Helper II
chuck tender
Mixer, Hand, Cement Gun
gunite man
laborer, cement gun, hand mixing
Mixer Operator
Mixing Place Foreman
Moldman
Monument Setter
setter
tombstone setter
Mortar Mixer
mortar man
mortar-mixer operator
mud man
Mortar-Mixer Operator
Motor-Grader, Fine Grade
Motor-Grader Operator
grader operator
motor-patrol operator
power-grader operator
road grader
road-hogger operator
road-maintenance patrolman
Motor-Grader, Rough Grade
Mucker
laborer, mucking
miner helper
muck shoveler
tunnel mucker
Mucker, Cofferdam
bottom man
Mucking-Machine Operator
mucker operator
Mud-Jack Nozzleman
Mud-Jack Operator
Oil Sprayer II

OPERATING ENGINEER
heavy equipment operator
OPERATING-ENGINEER APPRENTICE
heavy-equipment-operator apprentice
junior operating engineer
ORNAMENTAL-BRICK INSTALLER
ORNAMENTAL-BRONZE WORKER
ORNAMENTAL-IRON WORKER
housesmith
metal-trim erector
ornamental-iron erector
ORNAMENTAL-IRON WORKER APPRENTICE
ornamental-metal-erector apprentice
ORNAMENTAL-IRON WORKER HELPER
ornamental-iron-erector helper
ORNAMENTAL-PLASTER STICKER
ORNAMENTAL-RAIL INSTALLER
OUTSIDE-JOINT MAN
OVERHEAD-GARAGE-DOOR HANGER
PAINTER
PAINTER-AND-DECORATOR APPRENTICE
painter-and-paperhanger apprentice
paperhanger-and-painter apprentice
PAINTER FOREMAN
PAINTER HELPER
PAINTER, INTERIOR FINISH
PAINTER, ROUGH
industrial painter
painter, brush
painter, exterior and interior
painter, plain
PAINTER, STRUCTURAL STEEL
painter, bridge
painter, steel
PAINT-STRIPPING-MACHINE OPERATOR
PAPERHANGER
PAPERHANGER, PIPE
PAPER LATCHER
PAPER SPOOLER
PARQUETRY-FLOOR LAYER
PAVING-BED MAKER
sand-bed maker
PAVING-BREAKER OPERATOR
PAVING RAMMER
block tamper
PERMASTONE DRESSER
PERMASTONE MAN
PERMASTONE SUPERVISOR
PILE CAPPER
PILE-DRIVER OPERATOR
hammerman
hoisting engineer, pile driving
PILE-DRIVER OPERATOR, BARGE MOUNTED
PILE-DRIVING FOREMAN
PILE-DRIVING NOZZLEMAN
pile-driving jet-man
pile-driving jetter
PILE TRIMMER
PIN PULLER
PIPE-AND-TEST FOREMAN
PIPE-BENDING-MACHINE OPERATOR
PIPE CALKER
joint man
joint runner
leak repairman
pipe-joint sealer
pipe-leak repairman
pipeman, calking
slip-joint pourer
PIPE-CLEANING-AND-PRIMING-MACHINE OPERATOR
PIPE-CLEANING-MACHINE OPERATOR
PIPE CUTTER
PIPE FITTER I
plumber, pipe fitting
PIPE FITTER, ACETYLENE WELDING
PIPE FITTER, AMMONIA
PIPE-FITTER APPRENTICE
air-conditioning-mechanic apprentice
refrigeration-mechanic-apprentice
steam-fitter apprentice
PIPE-FITTER APPRENTICE, SPRINKLER SYSTEMS
PIPE FITTER, ELECTRIC-ARC WELDING
PIPE-FITTER FOREMAN
PIPE FITTER, GAS PIPE
PIPE-FITTER HELPER
fitter helper
PIPE FITTER, PLASTIC PIPE
PIPE FITTER, SOFT COPPER
PIPE FITTER, SPRINKLER SYSTEMS
sprinkler fitter
sprinkler installer
PIPE FITTER, WELDING
PIPE LAYER
cast-iron pipe layer
pipe setter
sewer-pipe layer
water-pipe layer
PIPE-LAYER HELPER
laborer, pipe laying
pipe-layer tender
PIPE-LAYING FOREMAN
PIPE-LINE-CONSTRUCTION INSPECTOR
PIPE-LINE FOREMAN
PIPE-LINE WORKER
PIPE-MACHINE OPERATOR
tongs operator
PIPE THREADER, HAND
PIPE-WRAPPING-MACHINE OPERATOR
PLASTER-BLOCK LAYER
PLASTERER
PLASTERER APPRENTICE
PLASTERER, FINISH
PLASTERER HELPER
plasterer tender
PLASTERER, MAINTENANCE
PLASTERER, MOLDING
plasterer, ornamental
PLASTERER, ROUGH
PLASTERER, SPRAY GUN
PLASTER-MACHINE TENDER
PLASTER MIXER
PLASTER-MIXER OPERATOR
PLASTIC-PANEL INSTALLER
PLASTIC-TILE LAYER
PLATE-GLASS INSTALLER
PLAYGROUND-EQUIPMENT ERECTOR
PLUGMAN
PLUMBER
PLUMBER APPRENTICE
PLUMBER FOREMAN
PLUMBER HELPER
PNEUMATIC-TUBE FITTER
POINTER, CALKER, AND CLEANER
POLE-TRUCK DRIVER
PORCELAIN-ENAMEL INSTALLER
PORTABLE ENGINEER
PORTABLE GROUT-MIXER OPERATOR
POWDER WATCHMAN
PREFABRICATED-PIPE-INSULATION WORKER
PROGRESS CLERK
recorder
PUDDLER, PILE DRIVING
PULVI-MIXER OPERATOR
PUMP ERECTOR
pump installation and service man
PUMP-ERECTOR HELPER
PUMPMAN, PORTABLE PUMP
RADIAL-ARM-SAW OPERATOR
RAILROAD FOREMAN
REAMER
RECEIVER SETTER
man-hole builder
sewer-inlet builder
street-drain setter
REINFORCED-CONCRETE INSPECTOR
REINFORCING-IRON WORKER
ironman
reinforcing-bar setter
reinforcing-steel erector
reinforcing-steel placer
reinforcing-steel setter
reinforcing-steel worker
rodman
REINFORCING-IRON-WORKER HELPER
reinforcing-steel-setter helper
reinforcing-steel-worker helper
rodman helper
steel-tier helper
REINFORCING-STEEL-PLACING FOREMAN
iron foreman
ironworking foreman
metal-placing foreman
rodman foreman
steel-man foreman
REINFORCING-STEEL WORKER, WIRE MESH
ironworker, wire mesh
laborer, steel-mesh placing
wire-mesh setter
wireworker
RIGGING FOREMAN
RIPRAP FOREMAN
RIPRAP PLACER
bankslope paver
dike stoneman
riprap man
rubble placer
stonemason, third class
RIVER-AND-HARBOR FOREMAN
RIVER-CROSSING FOREMAN
RIVETING FOREMAN
RIVET INSPECTOR
moocher
ROAD-MIXER OPERATOR
rotary-soil-stabilizer operator
roto-mixer operator
stabilizer operator
stabilizing-machine operator
traveling-plant operator
ROAD-OILING-TRUCK DRIVER
bituminous-distributor operator
bituminous-penetration-truck man
oil sprayer
oil-spreader operator
oil-spreader-truck operator
road-oil distributor
spray-bar man
ROAD-ROLLER OPERATOR
roller operator
roller pneumatic
roll operator
ROAD-ROLLER OPERATOR, HOT MIX
ROCKBOARD LATHER
ROCK-DRILL OPERATOR I
ROCK-DRILL OPERATOR II
ROD INSPECTOR
reinforcing-steel inspector
ROOFER
ROOFER APPRENTICE
ROOFER, GYPSUM
ROOFER HELPER
tar-heater man
tar kettleman
ROOFER HELPER, ALUMINUM SHINGLE
ROOFER HELPER, ASBESTOS SHINGLE
ROOFER HELPER, ASPHALT, TAR, AND GRAVEL
ROOFER HELPER, COMPOSITION
ROOFER HELPER, SLATE
ROOFER HELPER, TILE AND TERRA COTTA
ROOFER HELPER, VINYL COATING
ROOFER HELPER, WOOD SHINGLE
ROOFER, METAL
ROOFER, VINYL COATING
roof repairman, spray
roof waterproofer
sprayer roofer
ROOF-PROMENADE-TILE SETTER
RUBBER-TILE-FLOOR LAYER
SAND HOG
SCAFFOLD BUILDER
SCAFFOLD BUILDER, METAL
SCRAPER OPERATOR
SCREED OPERATOR
SCRUBBER OPERATOR
washerman
SEAT INSTALLER
SECOND ENGINEER, DREDGE
dredge mechanic
handyman, dredge
SEGMENTAL-BLOCK LAYER
SEPTIC-TANK INSTALLER
SEPTIC-TANK SERVICEMAN
septic-tank cleaner-and-repairman
SEWER-AND-WATERWORKS FOREMAN
SEWER-BOTTOM MAN
invert man
trench man
trimmer, fine
SEWER TAPPER
SHEATHER
SHEETING PULLER
laborer, sheet pulling
SHEET-PILE-DRIVER OPERATOR
SHEET-PILE-HAMMER OPERATOR
SHEET-PILE-HAMMER-OPERATOR HELPER
laborer, sheeting
sheeting-setter helper
SHELL-GANG WORKER
SHIELD RUNNER
erector operator
hydraulic man
hydraulic operator
shield operator
SHOOTER, WATER WELL
blaster, water well
SHORER
bracer
carpenter, shoring
carpenter, trench bracing
cribber
cribbing setter
sheeting setter
shore setter
trench bracer
trench shorer
SHOWER-ENCLOSURE INSTALLER
SIDER
siding applicator
SIGNALMAN
bellman
highballer
SILO ERECTOR
SINGLE-PASS-SOIL STABILIZER OPERATOR
SKIP TENDER, CONCRETE MINING OR BATCH PLANT
batch dumper
panman
skipman
SLATE ROOFER
SLICER
SLOPEMAN
SOFT-TILE SETTER
tile setter
SPREADER OPERATOR
SQUEEGEE MAN
STABBER
STAIN REMOVER
concrete stain remover
STAIR BUILDER
STEAM-CLEANING-MACHINE OPERATOR
STEAM FITTER
STEAM-FITTER FOREMAN
STEAM-FITTER HELPER
STEAM-PILE-DRIVER OPERATOR
STEEL DOOR SETTER
STEEL-PAN-FORM-PLACING FOREMAN
steel-floor-pan-placing foreman
STEEL SASH ERECTOR
STEEPLE JACK
STEP FINISHER
STONE-AND-CONCRETE WASHER
concrete-and-stone washer
laborer, stone-and-concrete washing
STONE BREAKER
STONE CARVER
cutter, hand
decorator
hand carver
sculptor
stone carver, hand
stonecutter, carving, cutting, lettering, and engraving
stonecutter, hand
STONE-CARVER APPRENTICE
stonecutter apprentice
STONECUTTER, FREESTONE
freestone cutter
STONEMASON
stoneman
STONEMASON APPRENTICE
stone rigger
stone-setter apprentice
STONEMASON FOREMAN
STONEMASON HELPER
laborer, mason
mason tender
stonemason mortarman
STONE POLISHER
marble polisher
marble rubber
STONE-POLISHER APPRENTICE
marble-polisher apprentice
STONE RENOVATOR
STONE SETTER
STONE-SPREADER OPERATOR
spreader box operator
stone-spreader-box man
STONE UNLOADER
STRIKE-OFF-MACHINE OPERATOR
STRUCTURAL ENGINEER
STRUCTURAL-STEEL DESIGNER
STRUCTURAL-STEEL-EQUIPMENT ERECTOR
STRUCTURAL-STEEL-ERECTOR FOREMAN
iron-and-steel-work foreman
steel-erecting pusher
STRUCTURAL-STEEL INSPECTOR
STRUCTURAL-STEEL WORKER
bridgeman
housesmith
iron erector
ironworker
steel erector
structural-iron erector
structural-iron worker
structural-steel erector
STRUCTURAL-STEEL-WORKER APPRENTICE
bridgeman apprentice
steel-assemblyman apprentice
steel-erector apprentice
STRUCTURAL-STEEL-WORKER HELPER
bridgeman helper
steel-assemblyman helper
steel-erector helper
STUCCO MASON
plasterer, stucco
stucco worker
SUBGRADE-ROLLER OPERATOR
SUBGRADER OPERATOR
fine-grader operator
road-planer operator
SUBGRADE TESTER
scratchboard man
SUCTION-DREDGE-PIPE-LINE-PLACING FOREMAN
shore-working foreman
suction-dredge-dumping foreman
SUPERINTENDENT, CONCRETE-MIXING PLANT
SUPERINTENDENT, CONSTRUCTION
superintendent, job
SUPERINTENDENT, PIPE-LINE CONSTRUCTION
SUPERINTENDENT, SALES
customer representative

const.—continued

SUPERINTENDENT, SALES —Continued
sales manager
sales representative
SUPERINTENDENT, TRACK
SURFACE CARPENTER
SURFACEMAN, WELL DIGGING
well dragger
SWEEPER OPERATOR
TAKE-UP FOREMAN
TAMPER OPERATOR I
TAMPING-MACHINE OPERATOR
asphalt-tamping-machine operator
hydraulic-hammer operator
tamper operator
TANKAGE FOREMAN
tank-builder foreman
TANK BUILDER AND ERECTOR
tank maker, wood
TANK ERECTOR
carpenter, wooden-tank erecting
TAPER
dry-wall finisher
finisher, wallboard and plasterboard
sheetrock taper
taper and bedder
taper and floater
TAPPING-MACHINE OPERATOR
tapman
water-pipe tapper
TAR HEATER
TERRA-COTTA MASON
TERRAZZO FINISHER
TERRAZZO POLISHER
TERRAZZO WORKER
artificial-marble worker
floor grinder
TERRAZZO-WORKER APPRENTICE
TERAZZO-WORKER HELPER
TILE-AND-TERRA-COTTA ROOFER
TILE-CONDUIT LAYER
TILE SETTER
tile fitter
tile layer
tile man
tile mason
TILE-SETTER APPRENTICE
TILE-SETTER HELPER
tile-layer helper
TILT-WALL FOREMAN
TIMBERING FOREMAN
TIMBER SETTER
TOWER-EXCAVATOR OPERATOR
cable-tower operator
cableway towerman
guyline operator
slackline operator
tower-dragline operator
TOWER FOREMAN
TOWERMAN
TRACER
decorator
TRACK-LAYING FOREMAN
extra-gang foreman
rail gang foreman
track boss
track layer, head
TRACK-LINER OPERATOR
TRACKMAN
extra-gang laborer
gandydancer
laborer, track

TRACKMAN—Continued
rail layer
section hand
section man
steel man
track layer
track monkey
track repairman
TRACK REPAIRMAN I
hydraulic-press operator
TRACK-REPAIRMAN HELPER
TRACK-SURFACING MACHINE OPERATOR
TRENCH-DIGGING-MACHINE OPERATOR
ditch-machine operator
rotary-trencher operator
trencher operator
trenching-machine operator
TRIMMER, ROUGH
TRIM SETTER
TRUCK CHECKER
load checker
tallyman
TUCK POINTER
pointer-up
TUNNEL-FORM-PLACING FOREMAN
TUNNEL-HEADING FOREMAN
header boss
shifter
TUNNEL-HEADING INSPECTOR
tunnel inspector
TUNNEL WORKER
UTILITY-TRACTOR OPERATOR
VALVE-CHAMBER BUILDER
VARNISHER
VIBRATING-SCREED OPERATOR
WALLBOARD TAPER, MACHINE
joint sealer
machine taper
taping-machine operator
WALL MAN
WALLPAPER REMOVER, STEAM
paper steamer
steamer operator
wall steamer
WALL WASHER
laborer, wall washing
WASHING-AND-SCREENING PLANT FOREMAN
WATER BOY
WATERPROOFER
waterproofing applicator
WATERPROOFER HELPER
dampproofer helper
WATERPROOFER, MEMBRANE
WATERPROOFER, METALLIC
WATERPROOFING FOREMAN
WATER-TRUCK DRIVER
WEATHER STRIPPER
WELDER FOREMAN, PIPE LINE
WELL DIGGER
WELL-DIGGER HELPER
WELL-DRILL OPERATOR, CABLE TOOL
water-well driller
WELL-DRILL-OPERATOR HELPER, CABLE TOOL

WELL-DRILL-OPERATOR HELPER, ROTARY DRILL
WELL-DRILL OPERATOR, ROTARY DRILL
rotary-drill-rig operator
rotary-drill well-drill operator
water-well driller
WELL-POINT PUMPING FOREMAN
WELL-POINT PUMPMAN
pumpman
WELL-REACTIVATOR OPERATOR
driller
WHEELER
buggyman
chute man
loader

WHEELER—Continued
wheelbarrow man
WHITEWASHER
WINCHMAN, PILE DRIVING
rigger
WINDOW CALKER
WIRE-FENCE ERECTOR
WOODEN-FENCE ERECTOR
WOOD LATHER
WOOD-PILE-DRIVER OPERATOR
WOOD-SASH-AND-FRAME CARPENTER
WOOD-SHINGLE ROOFER
WOOD-STRIP-BLOCK FLOOR LAYER
WRECKER
house wrecker
YARD FOREMAN

cooperage—COOPERAGE INDUSTRY: This industry covers occupations in the manufacture and repair of tight and slack barrels, buckets, casks, hogsheads, kegs, tanks, tubs, and other containers made of staves. The sawing of the heading stave material, and the manufacture of the band material from which hoops are made, are not included. The designation covers occupations in the manufacture and repair of cooperage products whether they occur in cooperage plants or in other industries.

AIR FILLER
ASSEMBLER
BAND-SAW OPERATOR
hogshead head-matcher
BARREL APPRAISER
BARREL ASSEMBLER
BARREL-ASSEMBLER HELPER
BARREL BRANDER
BARREL CHARRER
barrel burner
charrer
charring-room worker, barrel
BARREL-CHARRER HELPER
charrer helper
charring-room worker helper, barrel
BARREL DRAINER
BARREL INSPECTOR, SLACK
keg inspector
BARREL INSPECTOR, TIGHT
air tester
barrel tester and drainer
final inspector
final tester
keg inspector
BARREL-LATHE OPERATOR, INSIDE
keg-lathe operator, inside
BARREL-LATHE OPERATOR, OUTSIDE
barrel planer
lathe operator
BARREL LINER, HAND
barrel paraffiner
paraffining man
pitch coater
pitch filler
wax liner
BARREL LINER, SPRAY
barrel sizer
paraffiner
paraffining man
pitcher
BARREL MARKER
barrel roller
BARREL RAISER
barrel maker
keg raiser
raiser
setter-up
setting-up-and-windlass-machine operator
set-up man

BARREL-RAISER HELPER
raiser helper
setting-up-and-windlass-machine-operator helper
BARREL WATERER
water tester
BOTTOM-HOOP DRIVER
bottom-hoop-driving-machine operator
BOTTOM-TURNING-LATHE OPERATOR
BUCKET-BOTTOM SETTER
tub-bottom setter
BUCKET CHUCKER
tub chucker
BUCKET TURNER
tub turner
BUNG DRIVER
BUNGHOLE BORER
borer
bung driller
bunghole-boring-machine operator
drill-press operator
BUNGHOLE REAMER
CHANNEL INSTALLER
CIRCULAR-TANK COOPER
COOPER
barrel repairman
shop cooper
COOPERAGE-SHOP FOREMAN
COOPER HELPER
barrel-repairer helper
barrel-repairman helper
hand-cooper helper
CROZE CUTTER
CROZE-CUTTER HELPER
CROZE-MACHINE OPERATOR
crozer
crozer operator
croze-saw operator
crozing-machine operator
CULLER
barrel-stave inspector
stave inspector and culler
stave matcher
FIVE-IN-ONE-MACHINE OPERATOR
HANDLE BENDER
HEAD CHARRER
HEADER
headerman
header operator

HEADER—Continued
header-up
head setter
slack-barrel header-up
HEADING-JOINTER OPERATOR
HEADING MATCHER AND ASSEMBLER
doweler
head assembler
heading assembler and matcher
heading matcher
heading pinner
HEADING REPAIRER
HEAD-TURNING-MACHINE OPERATOR
HEAD-UP MAN
HEAD-UP-MAN HELPER
HEATER MAN
HEATER-MAN HELPER
HOGSHEAD COOPER I
cask maker
HOGSHEAD COOPER II
hogshead set-up man
patented-hogshead assembler
HOGSHEAD COOPER III
hogshead builder
HOGSHEAD HOOPER
hooper
HOGSHEAD-SALVAGE MAN
HOOP BENDER, TANK
hoop-bending-machine operator
HOOP COILER
hoop-rolls operator
HOOP-DRIVING-MACHINE OPERATOR
HOOP-DRIVING-MACHINE-OPERATOR HELPER
HOOP-FLARING-AND-COILING-MACHINE OPERATOR
coiler
flarer
HOOP-FLARING-MACHINE OPERATOR
HOOP-FLARING-MACHINE-OPERATOR HELPER
HOOP-MAKER HELPER, MACHINE
HOOP MAKER, MACHINE
HOOP NAILER
HOOP-PUNCH-AND-COILER OPERATOR
HOOP-PUNCH-AND-COILER-OPERATOR HELPER
HOOP-PUNCH OPERATOR
end-punch operator
hoop puncher
HOOP-PUNCH-OPERATOR-HELPER
HOOP REMOVER, HAND
knocker-off
light-hoop-driver helper
truss remover
HOOP-RIVETING-MACHINE OPERATOR

HOOP-RIVETING-MACHINE-OPERATOR HELPER
KEG VARNISHER
LEVELER I
LEVELER HELPER
LEVELER MAN
barrel leveler
hoop hammerer
leveler
MACHINE-TANK OPERATOR
power-saw operator
MATERIAL INSPECTOR
stave grader
stave inspector
NAILING-MACHINE OPERATOR, AUTOMATIC
PIPE-AND-TANK FABRICATOR
PLUGGER
RECTANGULAR TANK COOPER
ROUGH-BOTTOM PILER
SANDER
SANDER HELPER
SETTER-UP, BUCKET
setter-up, pail
setter-up, tub
SLACK COOPER
STAVE-JOINTER OPERATOR
STAVE-SAW OPERATOR
bolt sawyer
cylinder sawyer
STEEL-BARREL REAMER
STITCHING-MACHINE OPERATOR
TANK ASSEMBLER
set-up man
tank cooper
TANK-BOTTOM ASSEMBLER
TANK-STAVE ASSEMBLER
TAP-OUT MAN
TIGHT COOPER
TRUSS DRIVER
TRUSS-DRIVER HELPER
TRUSS PULLER
TRUSS-PULLER HELPER
TUB BEVELER
TUB MENDER
TURNING-MACHINE OPERATOR
rounder
rounding-machine operator
turner
turner-machine operator
TURNING-MACHINE-OPERATOR HELPER
WEIGHER
scaleman
WOODEN-HOOP MAKER
hooper
hoop fastener
hoop maker
hoop stapler
hoop-stapling-machine operator
nailer, wooden hoop
stapler

cord. & twine—CORDAGE AND TWINE INDUSTRY: Covered by this designation are occupations concerned with the manufacture of rope, cordage, twine, and related products from materials, such as abaca (Manila), hemp, cotton, paper, and manmade fibers including glass; and the fabrication of fishing nets, seines, safety nets, cargo slings, and similar products not made in weaving mills.

BOBBIN WINDER, MACHINE
BUNDLE BREAKER
band cutter
bundle cutter
hands parter
COILER
reeler
CRUSHER-AND-BINDER OPERATOR

DEPTH-STRETCHING-MACHINE OPERATOR
DRAW-FRAME TENDER
combing-machine tender
DYE-TANK MAN
net finisher
FIRST-BREAKER FEEDER
FISHING-LINE-WINDING-MACHINE OPERATOR

Fish-Net Stringer
net hanger
slugger
Foreman, Mill
foreman, mill room
Foreman, Webbing
Gill-Net Stringer
Jacquard-Twine-Polisher Operator
Knitting-Machine Operator
loom operator
netting-machine operator
Manager, Hemp Processing
Net Maker
knotter
knotter, hand
Netting Inspector
inspector and mender
mender
Rope-Laying-Machine Operator
rope-coiling-machine operator
rope-twisting-machine operator
Rope-Machine Set-Up Man
Rope-Maker, Ropewalk
Safety-Net Maker
Scrubbing-Machine Operator
Spinning-Machine Tender
Staining-Machine Operator
Strand-Forming-Machine Operator
Stretching-Machine Operator
Tape-Making-Machine Operator
string-glue-and-printing-machine operator
twine operator
Taker-Off, Braker Machine
Taker-Off, Drying Kiln
Taker-Off, Hemp Fiber
taker-off
Taker-Off, Scutcher Machine
Tarring-Machine Operator
Tennis-Net Maker
Tow Feeder
Tow Mover
tow-line taker-off
tow pusher
Trawl-Net Maker
Twine-Reeling-Machine Operator
Twine Winder
Twister
Twister Tender, Paper
paper twister
Vertical-Stretching-Machine Operator
Webbing Steamer, Pound Net

cork prod.—Cork Products Industry: Covered by this industry are occupations concerned with the manufacture of bottle corks, life preservers, gaskets, insulating materials, and other articles made of cork and cork compositions. The manufacture of cork tile and linoleum is included in the Lineoleum and Allied Products Industry (linoleum).

Box Remover
floor boy
Breaker-Machine Operator
cork drier
cork grinder
cork screener
Coater, Hand
cork coater
Compounder, Cork
cork mixer
Cork Blocker
Cork Inspector
Cork Molder
molding-utility man
Cork-Pressing-Machine Operator
Cork-Shelling-Machine Operator
Cork-Tapering-Machine Operator
Dauber-Machine Operator
Disk Cutter and Inspector
Ejector
End-Touching-Machine Operator
Gasket Cutter
Gasket Foreman
Graphite Coater
Laying-Machine Operator
cork-paper-laying-machine operator
Laying-Machine Operator—Continued
tape rewinder
Mixing-Machine Tender
cork mixer
Mixing-Machine Tender, Cork Gasket
Mixing-Machine Tender, Cork Rod
Mold Filler
Mold Hoister
Mold Sprayer
Resin Coater
Sanding-Machine Buffer
Sanding-Machine Tender
grinding operator
polisher and sander
Sawyer, Cork Slabs
Skiver
Slicing-Machine Operator
Snapper-Machine Operator
Sorter I
Sorter II
cork sorter
Splitting-Machine Operator
Visual-and-Gage Inspector
plug inspector

corn prod.—Corn Products Industry: This industry covers occupations in the production and refining of corn derivatives, including cornstarch, corn sirup, corn sugar, corn oil, gluten feed, gluten meal, and related products. Establishments which are primarily engaged in manufacturing starch from potatoes, rice, wheat, roots, and other sources are also included in this industry.

Char Puller
Batch Man
barrel filler
Bottom Steepman
Breakerman
batch-tank man
Centrifugal Operator
Centrifuge Operator
Clarifier
Converter Man
Cooler Tender
Corn-Grinder Operator, Automatic
Corn-Husk Baler
Crystallizer Operator
Dextrine Mixer
Door Slinger
Drier Attendant
dehydrator
mill-drier man
steam drier
Drip-Box Tender
Dry-Starch Operator
Dry-Starch Operator, Automatic
Expeller Operator
corn-oil extractor
roll operator
Feed Blender
Feed-Drier man
drier man
Feed Weigher
laborer, feed elevator
packer
Filterman
Filterman, Head
char filterman
Filterman Helper
Filterman Helper, Head
char-filterman helper
Filter Tender
Fire Drier
Fireman, Bone-Kiln
char-kiln tender
Fireman, Bone-Kiln, Head
head kiln operator
Flash-Drier Operator
Flumer
Foreman, Dry-Starch
Foreman, Feed-House
Foreman, Mill-House
Foreman, Sugar House
Foreman, Sugar Refinery
Germ Drier
Germ-Separator man
separator operator
Gluten-Settling Man
Grain-Drier Operator
Grain Receiver
elevator man
Laborer, Sirup Machine
Miller, Head, Assistant, Wet Process
stonecutter, assistant
Miller, Head, Wet Process
stonecutter
Miller, Wet Process
Mill Operator
Molasses and Caramel Operator
Neutralizer Man
Oil-Expeller Man
Panman, Heavy
Panman, Light
Presser
Pressman, Head
Pressman, Head, Feed House
rag-press operator
Press Puller
pressman
Reel Man
Refinery Operator
control board operator, sugar refining
Refinery Operator, Assistant
Separator Man
Shaker Man
Shaker Repairman
Shaker Washer
Sirup Mixer
Sirup-Mixer Assistant
Starchmaker
Starch Presser
Starch-Treating Assistant
Steepman
steep tender
Sugar-Chipper-Machine Operator
sugar grinder
Sugar Drier
Sugar Presser
Sugar Trucker
Superintendent, Grain Elevator
Tipple-Machine man
Top Steepman
Washer
flusher
Yield-Loss-and-Sanitation Engineer
Yield-Loss Inspector

cut. tools—Cutlery and Tools Industry: This industry embraces occupations in manufacturing various kinds of cutlery and tools, the principal products of the industry being: table and kitchen cutlery; all edge tools, such as augers, axes, gimlets, hatchets, knives, meat choppers, planes, razors, scissors, and shears; handtools, except power-driven handtools, used by farmers, ironworkers, masons, mechanics, and plumbers; files and rasps, including recutting these implements; complete hand saws and saw blades for hand- and power-driven saws. The manufacture of plated and silver cutlery is included in the Silverware and Plated Ware Industry (silverware).

Assembler
pinner
Assembler, Knife
Blade Groover
Calibrator
Cold-Press Loader
laborer, cutting tool
Diamond Blender
Electric-Razor Assembler
Etcher, Electrolytic
etcher
Etcher, Hand
Etcher, Machine
File Cutter
Filer, Hand
finish filer
Final Inspector
Foreman
Foreman, Assembly-and-Packing
Glass-Vial-Bending-Conveyor Feeder
glass bender
Grinder Operator, Automatic
automatic grinder operator
grinder-and-honer operator, automatic
Grinder Operator, Automatic—Continued
honer-and-grinder operator, automatic
Hacksaw Inspector
Inspector I
Inspector, Open Die
Level-Glass-Forming-Machine Operator
Level-Glass-Vial Filler
Level-Vial Curvature Gager
glass curvature gager
Level-Vial Inside Grinder
glass grinder
Level-Vial Inspector-and-Tester
inspector
Level-Vial Marker
glass marker
Level-Vial Sealer
capper
Level-Vial Setter
glass setter
Nicking-Machine Operator
nick setter
Notched-Blade Loader
Operator, Coating Furnace
Power-Chisel Operator
featherer
Printing-Machine Operator, Folding Rules
Printing-Machine Operator, Tape Rules
Protector-Plate Attacher
strike-plate attacher
Quality-Control Inspector
Repairman, Handtools
Saw-Edge Fuser, Circular
Saw Maker
saw mechanic
Sawsmith
Scribing-Machine Operator
Shear Assembler
Stab Setter and Driller
Steel-Rule Inspector
Template Cutter
Tester
Trim Attacher
Vial Gager
Wedger, Machine

dairy prod.—Dairy Products Industry: This industry includes occupations in separating, heating, cooling, mixing, curding, forming, cutting, grinding, freezing, and drying milk and cream preparations for human consumption and combining milk, cream, flavoring, sirup, and chemical or organic ingredients to make butter, buttermilk, cheese, chocolate milk, condensed or evaporated milk, malted milk, milk powder, ice cream, sherbet, and related products. It includes occupations concerned with the collection of milk and cream from farms and the retail and wholesale distribution of dairy products.

Acidity Tester
Batch Freezer
Blender-Conveyor Operator
Brine-Room Man
Brine-Tank Man
pusher
putter-in
Butter-Chilling Equipment Operator
Butter Churner
Butterfat Tester
Buttermaker
Buttermaker Helper
Buttermilk-Drier Operator
Butter Production Foreman
Byproducts Man
Casting-Machine Operator
Cellarman
Centrifuge Operator
Cheese Blender
Cheese Cutter
Cheesemaker
cheese cooker
Cheesemaker Helper
Cheese-Production Foreman
Clarifier Operator
Cooker, Process Cheese
cook blender
Cooler Foreman
Cooler Man I
Cooler Man II
Cottage-Cheese Maker
cottage-cheese man
Cream-Cheese Maker
Cream Tester
Dairy-Equipment Repairman
Dairy Helper
Dairy-Processing-Equipment Operator
Dairy Tester
Decorator
fancy man
Drier Operator
powder operator
Field-Contact Man
field man
field technician
Flavor-Room Man
colorman
fruit man
Flavor-Tank Man
Foreman, Cleaning
cleaning foreman
Foreman, Malted Milk
Foreman, Sanitation
sanitarian
sanitarian foreman
Foreman, Whipped Topping
Freezer Man
freezer
freezer operator
ice-cream freezer
Freezer-Man Helper
freezer assistant
ice-cream freezer assistant
Grader
Grated-Cheese Maker
grating-machine operator
Homogenizer Operator
Icicle-Machine Operator
Ingredient Scaler
assemblyman
batch man
flour man
general assembler
ingredient man
ingredient mixer
scaling man
Instantizer Operator
Instant Powder Foreman
Kosher Inspector
Laborer, Cheesemaking
Line Cleaner
Mash Grinder

dairy prod.—continued

MILK DRIVER
milk hauler
MILKMAN
MILK-POWDER GRINDER
malted-milk mixer
MILK RECEIVER
intake operator
weigher and sampler
MILK-RECEIVER, TANK TRUCK
MILK TESTER
MIX MAN
MOISTURE TESTER
MOLD FILLER
MOLD REMOVER
NOVELTY MAKER I
novelty dipper
novelty man
specialty man
NOVELTY MAKER II
NOVELTY WORKER
bottom girl
cone chocolate dipper
cone racker
NOVELTY WORKER—Con.
miscellaneous worker
sticker
topping girl
PASTEURIZING FOREMAN
PASTEURIZER HELPER
PASTEURIZER OPERATOR
PIPE WASHER
PROCESSING FOREMAN
RAW-CHEESE WORKER
SALT TESTER
SANDWICH-MACHINE OPERATOR
SANITARY MAN
SEDIMENT TESTER
SEPARATOR OPERATOR
STERILIZER OPERATOR
STICK-MACHINE MAN
TABLET-MACHINE OPERATOR
TRAY-CASTING-MACHINE OPERATOR
TRUCK WASHER
WORT EXTRACTOR
malted-milk masher

dental equip.—DENTAL EQUIPMENT AND SUPPLIES INDUSTRY: This designation covers occupations concerned with the manufacture of dental equipment, such as cabinets, sterilizers, and laboratory furnaces, and dental supplies, such as dental metals, alloys, amalgams, artificial teeth, dental molds, saliva dams, and related items. Preparation of prescription dentures, partial plates, tooth caps, and related prosthetic devices is included in the MEDICAL SERVICES INDUSTRY (medical ser.). Production of dental instruments is included in the INSTRUMENTS AND APPARATUS INDUSTRY (inst. & app.).

COILER
coil sticker
MOLDER, BENCH
TOOTH INSPECTOR
separator
sorter

distilled liquors—DISTILLED LIQUORS INDUSTRY: Covered by this designation are occupations in the manufacture of alcoholic beverages other than wines, beer, and ale. Occupations in the production of alcohol are included in the CHEMICAL INDUSTRY (chem.), beer and ale in the MALT LIQUORS INDUSTRY (malt liquors), and wines in the VINOUS LIQUORS INDUSTRY (vinous liquors).

BARREL CUTTER
BARREL FILLER
checker
BARREL ROLLER
BARREL SCRAPER
BOTTLE GAGER
gager
BOTTLE-LABEL INSPECTOR
BOTTLING-LINE ATTENDANT
line operator
BUNG REMOVER
CARTON REPAIRER
CISTERN-ROOM OPERATOR
cistern-room working-foreman
subwarehouse foreman
CRIMPING-MACHINE OPERATOR
DISTILLERY WORKER, GENERAL
DISTILLING-DEPARTMENT FOREMAN
DRUM CLEANER
DRUM FILLER
DRUM SEALER
DRUM STENCILER
DUMPER
FERMENTATION OPERATOR
FILTER WASHER AND PRESSER
filterman
filter-pulp washer
GIN INSPECTOR
GRAIN-CLEANING-MACHINE TENDER
GRAIN INSPECTOR
GRAIN-TRANSFER MAN
LABEL REMOVER
LEAK HUNTER
cooper
leakman
patch man
repairman
LIQUOR BLENDER
filter operator
LIQUOR INSPECTOR
content checker
MASH-TUB-COOKER OPERATOR
cooker
MILLMAN, DISTILLERY
graining man
grain miller
MILLMAN HELPER, DISTILLERY
graining-man helper
grain-miller helper
PAPER CUTTER
cutting-machine operator
paper-cutting-machine operator
stamp cutter
supply man
PRESS OPERATOR
QUALITY-CONTROL TECHNICIAN
sampleman
RECTIFYING ATTENDANT
REPACK-ROOM WORKER
REVENUE-STAMP CUTTER
STAMP PRESSER
STILL OPERATOR
beer-still runner
compounder
still runner
STILL OPERATOR, BRANDY
STILL OPERATOR, GIN
STILL OPERATOR, WHISKY
STRIP-STAMP STRAIGHTENER
TANKMAN
WHISKY FILTERER
WHISKY INSPECTOR
WHISKY PROOFREADER
WHISKY-REGAGE MAN
YEAST DISTILLER
yeast maker
yeast man

dom. ser.—DOMESTIC SERVICE: This designation covers occupations in or about private homes concerned with the rendering of services for members of the households or their guests.

BABY SITTER
BUTLER
CARETAKER
CHAUFFEUR
driver
CLOTHING-MAINTENANCE SPECIALIST
COACHMAN
cabman
COMPANION
COOK
DAY WORKER
DOMESTIC
DOMESTIC COUPLE
couple
man and wife
FAMILY-DINNER SERVICE SPECIALIST
FARM HOUSEKEEPER
FARM HOUSEMAID
hired girl
FOOTMAN
butler, second
second man
FOSTER MOTHER
GARDENER
GOVERNESS
HOMEMAKER
HOUSEKEEPER, HOME I
manager, household
HOUSEKEEPER, WORKING
HOUSEMAN
IRONER
LAUNDRESS
laundry woman
LAUNDRYMAN
laundry boy
LAUNDRY WOMAN
MAID, GENERAL
housekeeper, home
MAN-OF-ALL-WORK
handyman
odd-job man
utility man
MAN-ON-THE-BOX
MOTHER'S HELPER
NURSE, INFANTS
NURSEMAID
child monitor
nurse, children's
NURSERY GOVERNESS
PERSONAL MAID
lady's maid
VALET
gentleman's man
man
manservant
man's man
YARDMAN
job man
utility man

drug. prep. & rel. prod.—DRUGGISTS' AND TOILET PREPARATIONS AND MEDICINES INDUSTRY: This industry covers occupations in the production of the following classes of products: Ethical and proprietary pharmaceuticals, including capsules, ointments, pills, serums, vaccines, and powdered, liquid, and emulsified compounds; and toilet preparations, such as cosmetics, creams, perfumes and colognes, washes and lotions, hairdressings, toothpaste, and face, talcum and other toilet powders.

ALUMINUM-HYDROXIDE-PROCESS OPERATOR
AMPOULE EXAMINER
AMPOULE FILLER
ampoule filler and sealer
AMPOULE SEALER
AMPOULE-WASHING-MACHINE OPERATOR
washing-machine operator
BALANCE WEIGHER
CHEMICAL MIXER
CHEMICAL-PROCESSING FOREMAN
synthetic-department foreman
COATER
pill coater
tablet coater
COMPOUNDER
perfume compounder
COMPRESSOR
COORDINATOR, LETTER CAMPAIGN
COSMETIC MIXER
COSMETICS FOREMAN
COSMETICS PRESSER
molder
rouge presser
CREAM MAKER
DENTAL-CREAM COOKER
DOPP-MACHINE OPERATOR
DRIER OPERATOR
drum-drier operator
vacuum-drum-drier operator
EFFERVESCENT-SALTS COMPOUNDER
process operator
EGG PROCESSOR
harvester
EXTRACTOR OPERATOR
FERMENTER OPERATOR
FREEZING-MACHINE OPERATOR
shell-freezing-machine operator
GENERAL HELPER, LABORATORY
animal tender
GRANULATOR-MACHINE OPERATOR
granulator
utility man
wet-mix operator
INSPECTOR, PACKAGING MATERIALS
packaging inspector
LABORATORY ASSISTANT, PLASMA DRAWING-OFF
LABORER
batcher
LANOLIN-PLANT OPERATOR
LIPSTICK MOLDER
LIQUID COMPOUNDER
MICROBIOLOGY TECHNOLOGIST
medical technologist, bacteriology
MOLDER, TOILET PRODUCTS
moldman, hand
MOLDMAN, MACHINE
OINTMENT MAKER
OINTMENT-MILL TENDER
PACKAGING-MACHINE MECHANIC
PERFUME AND TOILET-WATER MAKER
PHARMACEUTICAL COMPOUNDING SUPERVISOR
PHARMACEUTICAL OPERATOR, SENIOR
laboratory technician
PHARMACEUTICAL OPERATOR, SERVICE
POULTICE-MACHINE OPERATOR
QUALITY-CONTROL CLERK
ROLLER-MILL TENDER
ROUGE MIXER
SIPHON OPERATOR
laboratory assistant
pooling operator
STERILE-PRODUCTS PROCESSOR
compounder, sterile products
STERILIZER
autoclave operator
SUPPOSITORY MOLDER
SUPPOSITORY-MOLDING-MACHINE OPERATOR
TABLET TESTER
WAX-SPRAYING-MACHINE OPERATOR

education—EDUCATION AND INSTRUCTION: Covered by this designation are occupations, wherever they exist, that are concerned with imparting knowledge of the arts, sciences, or other fields of learning or of physical activities, or with teaching, advising, or instructing others in any of these fields or in vocations. Occupations occurring in libraries are included in LIBRARY (library); those in museums, art galleries, botanical and zoological gardens are included in MUSEUMS, ART GALLERIES, BOTANICAL AND ZOOLOGICAL GARDENS (museum).

ACADEMIC DEAN
academic vice president
dean of instruction
dean of the faculty
dean of the university
provost
vice president for instruction
ACTING PROFESSOR
ADMISSIONS EVALUATOR
administrative assistant
degree clerk
AGRICULTURAL-EXTENSION SPECIALIST
ALUMNI SECRETARY
director, alumni relations
APPRENTICE INSTRUCTOR
APPRENTICE TEACHER, HEAD
ASSISTANT IN AUDIO-VISUAL MATERIALS
ASSISTANT INSTRUCTOR
ASSISTANT PROFESSOR
ASSOCIATE PROFESSOR
ATHLETIC COACH
coach
instructor, athletic
ATTENDANCE OFFICER
truant officer
AUDIOVISUAL SPECIALIST
BALLET MASTER
B[illegible] ALL COACH
[illegible]R
BUSINESS MANAGER, COLLEGE OR UNIVERSITY
CHAIRMAN OF SCHOLARSHIP AND LOAN COMMITTEE
CLINICAL INSTRUCTOR
COUNSELOR, COLLEGE
COUNSELOR, SCHOOL
DEAN OF BOYS
assistant principal
DEAN OF GIRLS
DEAN OF MEN
DEAN OF STUDENTS
dean of student affairs
director of student services
vice president for student affairs
DEAN OF WOMEN
DEPARTMENT HEAD, COLLEGE OR UNIVERSITY
DEPARTMENT HEAD, JUNIOR COLLEGE
DIRECTOR, ATHLETIC II
DIRECTOR, EDUCATIONAL
director, training
educational supervisor
staff-training officer
training coordinator
training specialist
DIRECTOR, EDUCATIONAL PROGRAM
DIRECTOR, EXPERIMENTAL SCHOOLS IMPROVEMENT PROJECTS
DIRECTOR, EXTENSION WORK
DIRECTOR OF ADMISSIONS I
dean of admissions
DIRECTOR OF GUIDANCE IN PUBLIC SCHOOLS
supervisor, counseling and guidance
supervisor of guidance and testing
DIRECTOR OF INSTITUTIONAL RESEARCH
administrative analyst
vice president for institutional research
DIRECTOR OF PLACEMENT
coordinator of placement
manager of student placement service
DIRECTOR OF RELIGIOUS ACTIVITIES
dean of chapel
director of religious life
DIRECTOR OF STUDENT AFFAIRS
director, student union
manager, student union
student-activities adviser
student-union consultant
DIRECTOR, SAFETY
safety supervisor

DIRECTOR, SALES EDUCATION
instructor, customer contract
DIRECTOR, SPECIAL EDUCATION
DIRECTOR, SUMMER SESSIONS
DIRECTOR, VOCATIONAL TRAINING
DISCIPLINE COUNSELOR
DISTRICT AGRICULTURAL AGENT
DISTRICT HOME ECONOMICS AGENT
EDUCATIONAL SPECIALIST
director, evaluation and research
EDUCATIONAL SUPERVISOR, PENAL INSTITUTION
EDUCATIONAL THERAPIST
EDUCATOR
FACULTY MEMBER, COLLEGE OR UNIVERSITY
FACULTY MEMBER, TECHNICAL INSTITUTE
FINANCIAL-AIDS OFFICER
director of financial aid and placements
director of student aid
FOOTBALL COACH
FOREIGN-STUDENT ADVISER
visiting-student counselor
FOUR-H CLUB AGENT
FRATERNITY ADVISOR
GOLF PROFESSIONAL
golfer
golf pro
golf supervisor
GRADER
GRADING CLERK
grade recorder
test clerk
GRADUATE ASSISTANT
GROUND INSTRUCTOR, ADVANCED
GROUND INSTRUCTOR, BASIC
GROUND INSTRUCTOR, INSTRUMENT
HEADMASTER
principal, private school
HOME ECONOMICS SPECIALIST
INSTRUCTOR I
INSTRUCTOR, AUTO DRIVING
driving instructor
INSTRUCTOR, BALLROOM DANCING
INSTRUCTOR, BASIC ELECTRICITY
INSTRUCTOR, BRAILLE
INSTRUCTOR, BRIDGE
INSTRUCTOR, CARBURETION
INSTRUCTOR, CHARM COURSE
instructor, self-improvement
teacher, modeling
INSTRUCTOR, CORRESPONDENCE SCHOOL
INSTRUCTOR, COSMETOLOGY
INSTRUCTOR, DANCING
dancing master
professor, dancing
teacher, dancing
INSTRUCTOR, DIRECT AND ALTERNATING CURRENT
INSTRUCTOR, ENGINE REPAIR
INSTRUCTOR, EXTENSION WORK
INSTRUCTOR, FISHING
INSTRUCTOR, FLYING
INSTRUCTOR, FOOD SERVICE
INSTRUCTOR, HEAT TREATING
INSTRUCTOR, HYDRAULICS
INSTRUCTOR, ILLUSTRATION
INSTRUCTOR, INDUSTRIAL DESIGN
INSTRUCTOR, INSTRUMENTS
INSTRUCTOR, JUDO
INSTRUCTOR, MACHINE SHOP
INSTRUCTOR, MATHEMATICS
INSTRUCTOR, MILITARY SCIENCE
INSTRUCTOR, NAVIGATION
INSTRUCTOR, OFFICE MACHINES
INSTRUCTOR, PHOTOGRAPHY
INSTRUCTOR, PHYSICAL
INSTRUCTOR, PHYSICAL EDUCATION
director, athletic
director, physical
teacher, physical education
INSTRUCTOR, PSYCHIATRIC AID
INSTRUCTOR, RIDING
riding master
teacher, riding
INSTRUCTOR, SHEET METAL
INSTRUCTOR, STYLING
INSTRUCTOR, SWIMMING
teacher, swimming
INSTRUCTOR, TAP DANCING
INSTRUCTOR, TRADE SCHOOL
INSTRUCTOR, TYPING
INSTRUCTOR, VOCATIONAL SCHOOL
INSTRUCTOR, VOCATIONAL TRAINING
teacher, vocational training
INSTRUCTOR, WALKING
INSTRUCTOR, WELDING
LABORATORY ASSISTANT
LECTURER
LOAN COUNSELOR
director, student loans and scholarships
loan officer
MANAGER, DANCE STUDIO
MUSIC SUPERVISOR
ORIENTATION THERAPIST FOR THE BLIND
instructor of blind
orientor
PLACEMENT OFFICER
manager, student employment
placement counselor
placement interviewer
student-employment officer
PRESIDENT, BUSINESS SCHOOL
PRESIDENT, COLLEGE OR UNIVERSITY
PRESIDENT, EDUCATIONAL INSTITUTION
chancellor
PRINCIPAL
preceptor
preceptress
PRINCIPAL, ELEMENTARY SCHOOL
PRINCIPAL, HIGH SCHOOL
PROFESSOR
READER
REGISTRAR, COLLEGE OR UNIVERSITY
director of admissions
RESEARCH ASSISTANT
RESIDENCE COUNSELOR
counselor, dormitory
director, dormitory
men's-dormitory director
resident-hall director
supervisor, dormitory
SALESMAN, BUSINESS COURSES
SALESMAN, CORRESPONDENCE COURSES
SCHOLARSHIP COUNSELOR
SCHOOL EXAMINER
SCHOOL-PLANT CONSULTANT
SECRETARY, BOARD-OF-EDUCATION
STUDY SUPERVISOR
SUPERINTENDENT, SCHOOLS
SUPERINTENDENT, TRAINING-SCHOOL-FOR-BLIND
SUPERINTENDENT, TRAINING-SCHOOL-FOR-DEAF
SUPERVISOR, ADULT EDUCATION
SUPERVISOR, AGRICULTURAL EDUCATION
SUPERVISOR, EDUCATION
SUPERVISOR, ELEMENTARY EDUCATION
SUPERVISOR, HOME ECONOMICS
SUPERVISOR, INDUSTRIAL ARTS EDUCATION
SUPERVISOR, MAINTENANCE AND CUSTODIANS
SUPERVISOR, MODERN LANGUAGES
SUPERVISOR, SPECIAL SERVICES
veterans' coordinator
SUPERVISOR, TRADE AND INDUSTRIAL EDUCATION
SUPERVISOR, TRAINING
manager, labor training
training supervisor
TEACHER, ADULT EDUCATION
TEACHER, AGRICULTURE
TEACHER, AMERICANIZATION
TEACHER, ART
instructor, art
TEACHER, BALLET
TEACHER, BIBLE
TEACHER, BLIND
instructor, blind
teacher, Braille
TEACHER, COMMERCIAL
TEACHER, DEAF
instructor, deaf-mute
teacher, oral-deaf
TEACHER, DRAMA
instructor, dramatic arts
teacher, dramatics
TEACHER, DRAMA—Con.
teacher, theater arts
TEACHER, ELEMENTARY SCHOOL
teacher, primary
TEACHER, ENGLISH
TEACHER, HANDICAPPED CHILDREN
instructor, crippled students
teacher, exceptional children
TEACHER, HOMEBOUND
TEACHER, HOME ECONOMICS
TEACHER, INDUSTRIAL ARTS
shop teacher
TEACHER, INSTRUMENTAL
TEACHER, JUNIOR COLLEGE
TEACHER, KINDERGARTEN
instructor, kindergarten
TEACHER, LANGUAGE
TEACHER, LIP READING
TEACHER, MENTALLY RETARDED
instructor, mentally deficient
teacher, ungraded room
TEACHER, MUSIC
instructor, music
professor, music
TEACHER, NORMAL SCHOOL
instructor, normal school
TEACHER, PAINTING-AND-DRAWING
TEACHER, SCULPTURING
TEACHER, SECONDARY SCHOOL
teacher, high school
TEACHER, SPEECH
teacher, elocution
teacher, oral interpretation
teacher, voice-and-diction
TEACHER, STENOGRAPHY
TEACHER, SUBSTITUTE
instructor, substitute
TEACHER, TECHNICAL EDUCATION
TEACHER, VISITING
home-school counselor
TEACHER, VOCAL
TEACHING ASSISTANT
TEACHING FELLOW
TENNIS COACH
TRAINEE INSTRUCTOR
TRAINING REPRESENTATIVE
training instructor
training technician
TUTOR
instructor, private
teacher, private
VISITING PROFESSOR
WOMEN'S-ACTIVITIES ADVISER

elec. equip.—ELECTRICAL EQUIPMENT INDUSTRY: This industry embraces occupations in the manufacture of most machinery, apparatus, and supplies that are used in the generation, transmission, distribution, storage, and utilization of electrical energy. The principal products of the industry include the following: (1) electrical machinery, such as fans, locomotives, vacuum sweepers, welding apparatus, generators, motors, transformers, and panelboards; (2) electrical appliances and devices, such as batteries, circuit breakers, heating devices (electric irons, heaters, stoves, toasters, etc.), meters, mixers, percolators, signal apparatus, automotive electrical equipment, switchboards, telephone and telegraph equipment, and testing equipment; and (3) electrical supplies, such as bases, coils, fuses, incandescent light bulbs, mercury arc and other electric lights, sockets, and wiring devices. The industry does not cover the manufacture of lighting fixtures, LIGHTING FIXTURE INDUSTRY (light. fix); radios, ELECTRONICS INDUSTRY (electronics); or refrigerating equipment, REFRIGERATOR AND REFRIGERATING AND ICE-MAKING EQUIPMENT INDUSTRY (refrigerat. equip.).

ACID ADJUSTER
balancer
ACID BOTTLER
acid-bottling-machine operator
ACID DUMPER
acid changer
forming-acid dumper
ACID FILLER
ACID LEVELER
ADJUSTER, ELECTRICAL CONTACTS
ALUMINUM-CONTAINER TESTER
battery-container tester, aluminum
APPLIANCE INSPECTOR
APPLIANCE REPAIRMAN
repairman
APPLIANCE TESTER
ARMATURE BALANCER
ARMATURE-COIL TAPER
ARMATURE-COIL WINDER
ARMATURE CONNECTOR I
ARMATURE CONNECTOR II
ARMATURE-CONNECTOR REPAIRMAN
ARMATURE STRAIGHTENER
ARMATURE TESTER I
tester, armature or fields
ARMATURE TESTER II
ARMATURE WINDER
ARMATURE-WINDING FORMER
ASPHALT COATER
ASSEMBLER I
ASSEMBLER, CARBON BRUSHES
brush maker
carbon-brush maker
motor-and-generator-brush cutter
ASSEMBLER, COMMUNICATIONS EQUIPMENT
ASSEMBLER, DRY CELL AND BATTERY
ASSEMBLER, ELECTRICAL
ASSEMBLER, ELECTRICAL ACCESSORIES I
assembler
contact assembler
switchboard contact assembler
ASSEMBLER, ELECTRICAL ACCESSORIES II
ASSEMBLER, ELECTRONIC HEATER
ASSEMBLER, INSTRUMENT MOTORS
ASSEMBLER, LINE
ASSEMBLY-MACHINE SET-UP MAN
BASE FILLER
BASE FILLER, AUTOMATIC
BASE-FILLING-MACHINE OPERATOR
BASER
BASE REMOVER
BATTERY ASSEMBLER
BATTERY ASSEMBLER, MOTORCYCLE
motorcycle-battery assembler
BATTERY ASSEMBLER, PLASTIC
BATTERY CHARGER
charger
BATTERY CHARGER, CONVEYOR LINE
BATTERY-CHARGER TESTER, HIGH RATE
BATTERY-CONTAINER-FINISHING HAND
container finisher
BATTERY-PARTS ASSEMBLER
BATTERY RECHARGER
BATTERY STACKER
battery loader
BATTERY TESTER
electrical tester, battery
BATTERY TESTER, FIELD
BATTERY-VENT-PLUG INSERTER
BEAD INSPECTOR
BEAD STRINGER
BENDER, ARMATURE COIL
BOTTOM POLISHER
BOX-SALVAGE MAN
battery-container cleaner
BRUSH-HOLDER ASSEMBLER
BRUSH-HOLDER INSPECTOR
BULB FILLER
BURNER
armature-lead burner
lead burner
CABLE LAY-OUT MAN
CABLE MAKER
assembler, wire harness
cable assembler
harness maker
wire-harness maker
CALCINE OPERATOR
calciner
CALIBRATOR
CAPACITOR ASSEMBLER
CAPACITOR-PACK-PRESS OPERATOR
pack-press operator
CAPACITOR REPAIRMAN
CAPPING-MACHINE OPERATOR
washer-and-capper-machine operator
CARBON CUTTER
CARBON ROD INSERTER
CARTRIDGE LOADER
CASTING INSPECTOR
CASTING-MACHINE OPERATOR, AUTOMATIC
parts-casting-machine operator
CASTING-MACHINE-OPERATOR HELPER
grid-casting-machine-operator helper
CELL-COVER PLACER
CELL REPAIRMAN
battery tester and repairman
CELL TUBER, HAND
CELL TUBER, MACHINE
CHARGING-PLUG PLACER
CHECKER, HAIR DRIERS
CIRCULATING PROCESS INSPECTOR
inspector, process
CLAY-PRODUCTS GLAZER
CLEANER AND PREPARER
CLINCHING-MACHINE OPERATOR
CLOTHES-DRIER ASSEMBLER
COIL CONNECTOR
connector
COIL-CONNECTOR REPAIRMAN

elec. equip.—continued

Coiled-Coil Inspector
Coiler
Coil Former and Presser
Coil Finisher
finisher
Coil Former, Template
Coil Taper, Hand
insulation wrapper
taper, hand
taping assembler
Coil Taper, Machine
machine taper
taper coil, machine
Coil Tester
Coil Winder I
Coil Winder II
coil winder, mush type
coil winder, random
spindle-machine operator
Coil Winder, Automatic
Coil Winder, Open Slot
Coil Winder, Strap
Commutator Assembler
commutator presser
regulator assembler
Commutator Inspector
Commutator Stacker
Commutator Tester
Commutator-V-Ring Assembler
swedger
Compound Mixer
Contact-Finger Assembler
Control-Cabinet Assembler
assembler, wireman
control-panel wireman
panel assembler and wirer
Control Man, Flow Coat
Control-Panel Assembler I
Core Dropper
Core Extruder
Coremaking-Machine Operator
Crossbar-Frame Wireman
Crossbar-Switch Adjuster
Crossbar-Switch Repairman
Crossbar-Unit Wireman
Deep-Fryer Assembler
Dial Marker
Die-Casting-Machine Operator
rotor caster
Dipper
Distribution-Transformer Assembler
Drier-Take-Off Man
Dry-Cell Tester
Dry-Charge-Process Attendant
Drying-Equipment Operator
Dry-Paste Mixer
Dust-Brush Assembler
Dynamometer Repairman
service engineer
Electrical-Control Assembler
Electric-Container Tester
di-electric-testing-machine operator
Electric-Fan Assembler
Electric-Frying-Pan Repairman
Electric-Heater Assembler
Electric-Motor-and-Generator Assembler
assembler-erector
motor-and-generator assembler
Electric-Motor Assembler
assembler
assembly hand
Electric-Motor-Control Assembler
control-panel assembler
panelboard assembler
power-panel assembler
Electric-Motor-Generator-Set Assembler
assembler-erector, motor-generator sets
motor-generator-set assembler
Electric-Motor-Repair Clerk
Electric-Motor Repairman
small-motor repairman
Electric-Motor Winder
armature and rotor winder
coil assembler
Electric-Range Assembler
Electric-Switch Tester
Electrode Cleaner
Electrode-Cleaning-Machine Operator
Element Burner
assembler-and-lead burner
lead burner and assembler
Element Setter
Enamel-Machine Operator
Encapsulator
sealer
tanker
Extrusion-Press Operator I
Extrusion-Press Operator II
Extrusion-Press Set-Up Man
Fan Balancer
Fan-Blade Aliner
blade aliner
fan-blade truer
line-up-machine operator
Field-and-Yoke Assembler
Field-Coil Assembler
Field-Coil Repairman
field assembly repairman
Field-Coil Taper
Field-Coil Winder
Field-Ring Assembler
assembler d.c. field ring
assembler d.c. field yoke
Filler
Filling-Machine Operator
Final Inspector II
polarity tester
Final Tester
Finishing Foreman
Finishing Inspector
final inspector
Firesetter
firesetter, automatic machine
stem-making-machine adjuster

Firesetter—Continued
tubulating-machine adjuster
Firesetter, Incandescent Bulb
Flash-Oven Operator
Flat-Armature-Coil Winder, Hand
Focuser
Follow-Up Clerk
Food-Mixer Assembler
Food-Mixer Repairman
Foreman, Appliance Assembly
foreman, assembly line
Foreman, Baking
Foreman, Battery Assembly
Foreman, Burning, Forming, and Assembly
Foreman, Casting-and-Pasting
Foreman, Coil-and-Armature Inspection
armature-and-field finishing foreman
inspection foreman
Foreman, Dry-Cell Assembly
Foreman, Electric Motor Testing
Foreman, Extrusion
Foreman, Finishing
Foreman, Graphite
Foreman, Grid-Casting-and-Pasting
Foreman, Lead Burning
Foreman, Paste Mixing
Foreman, Plate Forming
Foreman, Plate Pasting
Foreman, Punch-and-Assembly Department
core-assembly foreman
Former, Armature Coil
Former, Rotor Coil
Forming-Process-Line Worker
Forming-Process Man
process attendant
switchroom man
Furnace Cooler
cooler
Furnace Foreman
Furnace Loader
packer
Furnace Operator
oven tender
Furnace Packer, Carbon Furnace
furnace loader-and-unloader
Furnace-Stock Inspector
baked-and-graphite inspector
Furnace Unloader
furnaceman
Galvanometer Assembler
Getterer I
Gettering-Filament-Machine Operator
getterer
getter operator
Governor Assembler, Hydraulic
Green Inspector
Grid Caster
Grid Inspector
Handle-Grip Assembler
Hautau Operator
Heating-Element Repairer
Heating-Element Winder
Helix-Coil Winder

Hopper Man
wire charger
Hose Assembler
Hypercil-Core-Transformer Assembler
Impeller Assembler
Impregnation Inspector
Impregnator and Drier
Impregnator and Drier Helper
impregnating helper
p.i. helper
Inspector I
Inspector II
Inspector and Shaper, End Windings
Inspector, Chief
Inspector, Container Finishing
battery-container inspector
Inspector, Mechanical and Electrical
Inspector, Motors and Generators
Instrument Maker
Insulation Cutter and Former
Insulator
armature stuffer
insulated-cell liner
preinsulator, core
Intercell-Connector Burner
top-connector burner
Intercell-Connector Placer
Intercoil Winder
Interpole Winder
Jack-Strip Assembler
Laboratory Man, Storage Battery
battery analyst
quality auditor
test technician
Lacer and Tier
Lamination Spinner
lamination inspector
rotor-lamination inspector
spinner, iron
Lamination Stacker
lamination assembler
stacker
stacking assembler
Lamination Stacker, Machine
core assembler
Lead Burner I
Lead-Burner Helper
Lead-Burner, Machine
group burner, machine
Lead Caster
parts caster, hand
Lead-Caster Helper
Lead Former
assembler, flexible leads
former
lead assembler
lead bender
Lead-Supply Man
Lead-Tinner
Light-Bulb Assembler
Light-Bulb Tester
Lug-Breaker and Wire-Puller
Lugger
Machine Feeder
conveyor feeder
Machine Operator, Centrifugal-Control Switches
governor assembler
Machining-and-Assembly Foreman
foreman, floor assembly
Magnet-Valve Assembler

Mica Gager
gager
Mix-Crusher Operator
screenman
Mixer Operator, Carbon Paste
Molded-Parts Inspector
molded-grid-and-parts inspector
Mold Operator
assembler-insulator
Mold Setter
casting-machine adjuster
Motor-and-Generator Brush Maker
wire-brush maker
Mounter I
stem-mounting-machine operator
Mounter II
Mounter, Hand
Neck Cutter
Ovenman
furnace fireman
Painter, Battery Brand and Vent Plug
Paper Slitter
Paste Mixer
mix-room operator
Paste Mixer, Liquid
spin-paste mixer
Pasting-Machine Operator
grid-pasting machine operator
Pasting-Machine Take-Off Man
Patcher
Planer Operator
Plaster-of-Paris Molder
Plate Assembler, Small Battery
bench assembler, battery
Plate-Drying-Machine Operator
drier tender
plate drier
Plate Former
Plate-Put-In Man
Plate-Slitter and Inspector
Plate Stacker, Hand
grouper
stacker
Plate Stacker, Machine
plate grouper, machine
Plate-Take-Out Man
Plate Washer
Plug Assembler
Plug-Wiring-Machine Operator
Pole-Shoe Assembler
Post-Form Remover
Power-Transformer Assembler
Primary Connector, Armature
Pull-Socket Assembler
Push-Button-Switch Assembler
Push-Connector Assembler
assembler, latches and springs
Quality-Control Inspector
Rack Loader
Relay Adjuster
Relay Assembler
Relay Checker
Relay Repairman
Repairman, Electric Motors
Repairman, Switchgear

Resistor Assembler
coil-unit assembler, helix
Resistor Tester
Returned-Telephone-Equipment Appraiser
Rheostat Assembler
Rotor Balancer
Rotor-Coil Taper
Rotor-Coil Winder
Rotor-Core Assembler
Rotor Winder
Salvage Man
Sample Boy
Sample Maker
Screener-and-Blender Operator
graphite mill operator
Sealer I
flamer-sealer
Sealer II
Sealer, Dry Cell
sealer operator
Seal-Extrusion Operator
seal pressman
Sealing-Machine Operator
Seal Mixer
seal-mixing operator
Secondary Connector, Armature
Separator Inserter
Set-Up Man, Coil-Winding Machines
Sewing-Machine Operator
heating-element stitcher
looper
Shaft Inspector
Skein Winder
Sleeve-Machine Tender
Sleever
Slot Wedger
armature slipper
slipper
Slug-Press Operator
Spark-Plug Assembler
Spark Tester
Spark Tester (elec. equip.; insulated wire)
sparker and patcher
test boy
Speaking-Unit Assembler
Spider Assembler
assembler, caterpillar spider
revolving field assembler
rotating field assembler
Spider-Coil Winder
Sprayer, Light Bulbs
Spun-Paste-Machine Operator
Starter Adjuster
Stator-Coil Taper
Stator-Coil Winder
Stator Connector
Stator-Connector Repairman
Stator-Core Assembler
Stator Tester
Stator Winder
Steam-Iron Assembler
Stem-Mounting-Machine Operator I
Strand Buncher, Fine Wire
Stranding-Machine Operator
cable-machine operator
cabling-machine operator
strander operator
strand-machine operator

Striper
Switch Adjuster
Switchboard Assembler
Switchbox Assembler I
Switchbox Assembler II
Synchro-Unit Assembler
Tacker
Take-Off Man
Tank Cleaner
Telephone Diaphragm Assembler
Telephone-Switch Repairman
Terminal-Block Assembler
Test - Department Helper
Tester, Electrical Continuity
Tester, Motors and Controls
run-in-line set-up man
Third Dry-Cell-Assembling-Machine Tender
Time-Clock Repairman
Timing-Equipment Tender
Toaster-Element Repairer
Toaster Tester
Toroidal-Coil Winder
Transformer Assembler
Transformer Assembler, Specialty
Transformer - Assembly Foreman
Transformer-Coil Assembler
Transformer - Coil Winder
Transformer-Core Assembler
Transformer Inspector
Transformer Man
Transformer Molder
Transformer Tester
Transmitter Assembler
Tubing-Machine Tender
Tumbler-Switch Assembler
Twisting-Machine Operator
Undercutting - Machine Operator
commutator slotter
commutator undercutter
Universal - Winding - Machine Operator
coil winder
dual lateral winder
flyback winder
Vacuum-Cleaner Repairman
Varnishing-Machine Operator
Vibrometer - Block Tester
Voltage-Regulator Assembler
Wafer-Line Worker
wafer-cell-battery assembler
Wafer-Machine Operator
Washing-Machine Assembler
Washing-Machine Stripper
Waxing-Machine Operator
Weighman
Welding-Machine Assembler
Weld Inspector
Wet-Paste Mixer
Winding Foreman
armature-and-field-assembly foreman
Winding Inspector
Winding Inspector and Tester
Wire Bender
Wire Coiler
Wire Cutter
Wireman, Cable
cable wireman
Wire-Spring-Relay Adjuster
Wire Stripper
Wiring Inspector
Wrapping-Machine Tender

electronics—Electronics Industry: This industry embraces occupations in the manufacture of electronic equipment and components. Electronic equipment is characterized by the use of electron tubes or semiconductor devices in its principal function. Items that are considered electronic equipment include radio and television receivers and transmitters, detection and tracking apparatus and systems, test equipment, power supplies, industrial monitoring and continuous control systems, and sound distribution equipment. Electronic components are parts of electronic equipment that affect the current characteristics within its circuit. Included in this category are resistors, capacitors, coils, chokes, inductors, tubes, transistors, diodes, television antennas, headphones, loudspeakers, piezo-electric crystals and crystal devices, computer logic nodules, filters, flip-flops, gates, inverters, voltage dividers, and delay lines. Also included are structural components, such as cabinets, control panels, chassis, printed circuit boards, wire and cable harnesses and assemblies, binding posts, tube sockets, shield cans, dial assemblies, terminal boards, clips, and standoffs, if they are used only in electronic equipment applications. The manufacture of electrical machinery, equipment, and appliances, or wire telephone or telegraph equipment is included in the Electrical Equipment Industry (elec. equip.); the manufacture of phonographs and parts and accessories for such machines is included in the Phonograph Industry (phonograph).

Acid-Etch-Machine Operator
Ager
tube-ager operator
Aliner
testman
Aluminizing-Equipment-Maintenance Man
Aluminizing Inspector
Antenna Assembler
Aperture-Mask-Processing-Equipment Operator
aperture - mask - machine attendant
preparation operator
Assembler
Assembly-Line Foreman
line foreman
Audio-Coil Winder
Baker, Beads
Base Brander
shell marker
tube brander
Base Filler
Base Filler, Automatic
Base Filler, Hand
Base-Filling-Machine Operator
Baser
Base Solderer
Beader Operator
Blank Horner
Boat Loader
Bobbin-Coil Winder
Body Fuser
Bulb Assembler, Color Television Picture Tubes
lehr loader
Bulb Cleaner
acid reclaimer
rewash-machine operator
washer
Bulb Carbonizer
carbonizing-machine operator
Bulb-Preparation-Maintenance Man
Bulb - Punch - Out - Machine Operator
Cabinet Mounter
final assembler
installer
mechanical assembler
mounter
stringer
Cable Maker
assembler, wire harness
cable assembler
harness maker
wire-harness maker
Cage-and-Dome-Pad Assembler
Calibration Tester
Calibrator, Resistors
Capacitor Assembler
condenser assembler
shell-and-cement operator
Capacitor-Stator Assembler
Capacitor Assembler, Variable I
Capacitor Assembler, Variable II
assembler, tubular variable capacitors
Capacitor Inspector
Capacitor-Rotor Assembler
Capacitor Winder
condenser winder
paper-condenser winder
winding-machine operator, automatic
Capacitor Winder, Electrolytic
Cap Welder
Cathode-Coater Operator
cathode-spray-machine operator
Cathode-Coating Inspector
cathode inspector
cathode weigher
Cathode-Tab Welder
Ceramic-Capacitor Assembler
Chassis Assembler
chassis-line operator
chassis mounter
crimper and solderer
installer
solderer and crimper
subassembler
wireman
Check Inspector
Chemical Preparer
Clamp Assembler
Cleaner
module cleaner
Coding-Machine Operator
Coil Finisher
finisher
Coil-Form Assembler
Coil Inspector
Coil Mounter
Coil Sprayer
Coil Tester
Coil-Unit Builder, Experimental
Coil Winder, Hand
Coil-Winding Foreman
foreman, multiple winding
Coil Wrapper
Color Coder
Component-Inserting-Machine Operator
subassembler
Component-Inspection Technician
Component-Lead Former
component-forming-machine operator
crimping-machine operator
header-machine operator
lead-trimmer-and-former
stem shaper
Compound Mixer
Condenser Aliner
Cone Assembler
Connector-Strap Assembler
Continuity Tester
Conveyor-Line Worker Televison Picture Tubes
television-picture-tube processor
Corrector Pole-Grid Assembler
Crimping-Machine Operator
Crystal Cutter
crystal-blank cutter
crystal-blank-cutting-machine operator
crystal dicer
crystal processor
cutter operator
diamond-saw operator
dicer
regular sawman
slicer
slicer and dicer
Crystal Finisher
Crystal Grinder, Finished
Crystal Grinder, Rough
Crystal Grower
pulling-furnace operator
Crystal Lapper
lapper
lapping-machine operator
material finisher
Crystal Mounter
Crystal Orienter, X-Ray
Crystal-Processing Foreman
supervisor, material processing
Crystal-Unit Assembler
crystal assembler
finisher
quartz-crystal-oscillator assembler
Crystal-Unit Inspector
Dagger, Outside
outside dagger
Dag Inspector
Desolderer
Development-Machine Operator
Dial Mounter
Dice Orienter
Die Caster
Diffusion-Furnace Operator
diffusion operator
Dipper
Dixonac Operator
dag coater
dagger
Electrical Tester
Electromechanical Assembler I
Electronic Assembler, Radio and Television
Electronics Assembler
bench assembler
electromechanical assembler
electronic-unit assembler
utility operator
wireman
Electronics Assembler, Developmental
assembler and wireman, special equipment
electrical mechanic
electronic assembler, prototype
electronic-rework assembler
equipment wireman and assembler, special
wireman
Electronics Technician, Automated Process
Encapsulator
sealer
tanker
Etched-Circuit Processor
etched-circuit-card fabricator
photoengraver, printed circuits
printed-circuit processor
Etcher, Printed Circuits
etch-tank operator
Exhaust-Equipment Set-Up Man
Exhaust-Maintenance Man
Exhaust Operator
exhauster
exhauster-machine operator
finishing operator
oven operator
Felts Assembler
Field-Coil Assembler
Field Engineer
field-service representative
field-technical representative
technical representative
Filament-Coil Winder
Filament Dissolver
Filament Maker
heater maker
sleeve-filament former
spade-winding-machine operator
Filament-Stem Inspector
Filler
Filling-Machine Operator
Filter Assembler
Final Tester, Diodes
Firer
boat loader and firer
firer and boat loader
furnace operator, automatic
hydrogen-furnace operator
Firesetter
firesetter, automatic machines
stem-making - machine adjuster
tubulating-machine adjuster
Firesetter, Cathode-Ray
Firesetter, Electron Tube
Flare Beader
Foil Cutter
Foreman, Component Sealing
foreman, impregnating
Foreman, Electronic Assemblies
Foreman, Laminating
foreman, stacking
Foreman, Television-Picture-Tube Mounts
mount foreman
unit manager, mount department
Foreman, Transmitting Tubes
Foreman, Wire-Coil Components
foreman assembly,
Formation Man
Frequency-Meter Aliner
crystal calibrator
tester, crystals
Frit-Dispenser Operator
Funnel Coater, Automatic
coater, automatic
Funnel Coater, Hand
bulb-washer-and-coater
Gager, Hand
General Assembler
Germanium Processor
Getter Welder
Glass-Lathe Operator
Grid Assembler
bench welder
subassembler, grid
Grid Gager
Grid Inspector
Grid-Lead Former
Grid Loader
Grid-Machine Job Setter
grid mechanic
Grid Operator

electronics—continued

GRID TRIMMER
grid unwinder
GUN ASSEMBLER
HEADER-AND-CHOPPER ASSEMBLER
HEARING-AID ASSEMBLER
HEATER LOADER
IMPREGNATOR
IMPREGNATOR, ELECTROLYTIC CAPACITOR
paste-cooker-and-centrifuge operator
INGOT-PROCESSING FOREMAN
supervisor, material group
supervisor, metallurgy
INGOT PROCESSOR
INSPECTOR, COMPONENTS
checker
final inspector
inspector, component parts
inspector, visual
line inspector
INSPECTOR, FINISHING
INSPECTOR, HEARING AIDS
INSPECTOR, LAMINATED TUBES
INSPECTOR, MARKED REELS
INSPECTOR, PRINTED CIRCUIT BOARDS
board inspector
circuit-board inspector
inspector, etched circuitry
INSPECTOR, RAW QUARTZ
raw-quartz inspector
mother-crystal classifier
INSPECTOR, SUBASSEMBLIES
in-process inspector
line inspector
quality-control inspector, subassembly
INSPECTOR, SYSTEMS
inspector, electronic assembly
qualtiy-control inspector, electronic assembly
INSTRUMENT-INSTALLATION ASSEMBLER
INSTRUMENT MAKER
LAMINATOR
ironer, E-laminations
plate stacker
stacker
LEAD ASSEMBLER
LEAD SOLDERER
LEAD WELDER
LEAD-WIRE CUTTER
LEAK DETECTOR
LOUDSPEAKER-TEST MAN
LOW-POWER-LINE SUPERVISOR
MAINTENANCE MAN, TELEVISION PICTURE TUBES
floor-maintenance mechanic
maintenance man
MASK FLATTENER
MASK FORMER
MASK INSERTER AND INSPECTOR
MASK SHAPER
MATERIAL CUTTER
MEDIUM-POWER-LINE SUPERVISOR
MEMORY-UNIT TEST TECHNICIAN
METAL-BASE RECLAIMER
MICA-CAPACITOR ASSEMBLER
MICA-PARTS SPRAYER
MODULE ASSEMBLER
assembler, microelectronics
assembler, special assemblies
MOUNTER I
mount-parts assembler
tube mounter
MOUNT REMOVER
MOUNT SCRUBBER
MULTIPLE-COIL WINDER
NOISE TESTER
OPERATOR, AUTOMATED PROCESS
PAPER-CONE MAKER
loudspeaker-paper-cone assembler
PARTIAL STEMMER
PARTS LISTER
PELLET-PREPARATION OPERATOR
PELLET-PROCESSING SUPERVISOR
supervisor, pellet processing
PHOTOGRAPHIC-PLATE MAKER
photographic-process attendant
PHOTOPHONE ASSEMBLER
PHOTORESIST PRINTER
PICTURE-TUBE INSTALLER
picture-tube assembler
PIN BUFFER AND INSPECTOR
PLATER
plating processor
POTENTIOMETER ASSEMBLER
PREFORMING-MACHINE OPERATOR
etcher, machine
etcher, salt
PRINTED-CIRCUIT ASSEMBLER
assembler, detail
PRINTED-CIRCUIT-BOARD FOREMAN
PRINTED-CIRCUIT TECHNICIAN
printed-circuit fabricator
PRINTING-CHASE OPERATOR
aperture-mask printing-chase tender
PRODUCTION REPAIRMAN
parts changer
repair-and-rework man
rework operator
QUALITY INSPECTOR
QUARTZ CUTTER
QUARTZ ORIENTER
RADAR-EQUIPMENT FOREMAN
RADIO-CHASSIS ALINER
RADIO-EQUIPMENT ASSEMBLER, SPECIAL
RADIO REPAIRMAN
RADIO-TRANSMITTER ASSEMBLER
RECTIFIER-PLATE CHARGER
RESIN DISPENSER
RESISTOR-LEAD-WIRE ASSEMBLER
bobbin assembler
RESISTOR WINDER, HAND
ROTARY-PUMP OPERATOR
ROTARY-PUMP SET-UP MAN
SAMPLE-PELLET GAGER
SCREENER
SCREEN INSPECTOR
SEALER I
SEALING-MACHINE OPERATOR
sealer
SEAM WELDER
SEMICONDUCTOR ASSEMBLER
SEMICONDUCTOR-ASSEMBLY FOREMAN
SENSITIZING-MACHINE OPERATOR
SET-UP MAN, BAKING-AND-COATING EQUIPMENT
miscellaneous-process attendant
SILK-SCREEN PRINTER
ceramic-metalizing operator
printer
screen printer
squeegee operator
SOCKET ASSEMBLER
SOLUTION MIXER
chemical-prep operator
SPADE-WINDING-MACHINE ADJUSTER
SPEAKER ASSEMBLER
SPEAKER MOUNTER
SPINNER
STACKING ASSEMBLER
STANDARD-LABORATORY TECHNICIAN
STEAM-BLACKENING-FURNACE TENDER
STEM-LEAD FORMER
STEM MAKER
glass-parts operator
wire loader
STRAP-GRID ASSEMBLER
SUPERVISOR, CAPACITORS
SUPPORT WELDER
TANTALUM-CAPACITOR ASSEMBLER
TAPING-MACHINE TENDER
TELEVISION ALINER
TELEVISION-CHASSIS INSPECTOR
chassis inspector
tester
TELEVISION-PICTURE-TUBE BUFFER
TELEVISION-RECEIVER ANALYZER
TENDER, ULTRASONIC CLEANING EQUIPMENT
parts cleaner, ultrasonic
TERMINAL ASSEMBLER
TESTER, ELECTRONIC COMPONENTS
electric tester
production tester
quality-control tester
testing-machine operator
TESTER, SYSTEMS
electronic-systems tester
electronic-test technician
master tester
quality-control-assembly test technician
trouble shooter, computer systems
TESTER, TELEVISION PICTURE TUBES
characteristics tester
quality-control tester
video-characteristics tester
TESTING SUPERVISOR
supervisor, testing
THREAD BURNER
TINNER, CERAMIC CAPACITORS
hot tinner
TOP-CAP FILLER
TOP-CAP-PROCESSING-EQUIPMENT OPERATOR
phosphor-application-machine attendant
slurry-machine attendant
TRANSFORMER ASSEMBLER
sheller
TRANSFORMER-COIL ASSEMBLER
TRANSFORMER-COIL WINDER
TRANSFORMER INSPECTOR
TRANSFORMER MOUNTER
TRANSMITTER TESTER
TRIMMER
peeler
tear-back girl
TROUBLE SHOOTER
TUBE ASSEMBLER
final assembler
TUBE COMPONENT ASSEMBLER
tube subassembler
TUBE-COVER MOUNTER
TUBE FINISHER
TUBE LAMINATOR
tender, tube laminating equipment
TUBE MOUNTER I
TUBE TESTER
characteristics tester
quality tester
rating-laboratory tester
UNIVERSAL-WINDING-MACHINE OPERATOR
coil winder
dual-lateral winder
flyback winder
UTILITY OPERATOR, AUTOMATED DEPOSITED-CARBON-RESISTOR LINE
VACUUM-EVAPORATION OPERATOR
metalizer, vacuum-deposition operator
VARIABLE-CONDENSER TESTER
VOICE-COIL ASSEMBLER
VOLUME-CONTROL MOUNTER
WAFER GAGER
WAX BURNER
WAX IMPREGNATOR
WEIGHT-COUNT OPERATOR
weight counter
WHISKER KINKER
WIRE CLIPPER
WIRE COATER
WIRE SANDER
WIREWORKER
assembly-preparation worker
electronics subassembler
pre-assembler
WIRE-WOUND RESISTOR INSPECTOR
X-RAY OPERATOR, QUARTZ CRYSTALS

electroplating—ELECTROPLATING: Covered by this designation are occupations, wherever they occur, that are concerned with plating metal objects with chronium, gold, nickel, silver, and other metals by means of electrolysis.

BRASS PLATER
BRONZE PLATER
CADMIUM PLATER
CHROMIUM PLATER
CLEANER
COPPER PLATER
ELECTROFORMER
ELECTROGALVANIZING-MACHINE OPERATOR
FOREMAN
plater foreman
GOLD PLATER
LABORER, ELECTROPLATING
electroplater helper
plater helper
plating-department helper
MATRIX PLATER
NICKEL PLATER
PLATER
electroplater
plating-tank operator
PLATER APPRENTICE
electroplater apprentice
plating-tank-operator apprentice
PLATER, BARREL
barrel-line operator
drum plater
plater, machine
tumbler plater
PLATER, PRODUCTION
RACK CLEANER
RACKER
SAWDUST DRIER
SILVER PLATER
TIN PLATER
TIN RECOVERY MAN
ZINC-PLATING-MACHINE OPERATOR

embroid.—EMBROIDERIES INDUSTRY: This industry embraces occupations in the manufacture of embroideries and burnt-out laces.

APPLIQUE CUTTER
CARTOON DESIGNER
EMBLEM DRAWER-IN
wrapper
EMBROIDERY DESIGNER
EMBROIDERY FOREMAN
foreman, production
FINISHER
examiner
trimmer
FRAME BOY
LACE PINNER
MEDALLION CUTTER
MENDER
PERFORATOR
pattern-perforating-machine operator
PINNER
PUNCHER
SAMPLE MENDER
SCALLOP CUTTER, HAND
SCALLOP CUTTER, MACHINE
SEWING-MACHINE OPERATOR
SHUTTLER
SPANNER
STITCHER
STRAIGHT CUTTER, MACHINE
THREAD-CUTTER TENDER
WATCHER, AUTOMAT
automatic-embroidery-machine tender
WATCHER, AUTOMAT, FRAME GOODS
WATCHER, AUTOMAT, LONG GOODS
WATCHER, PANTOGRAPH

engine & turbine—ENGINE AND TURBINE INDUSTRY: This industry covers occupations in the manufacture and assembly of parts for steam engines (other than locomotives), internal combustion engines, diesel or semi-diesel oil engines, water wheels, and all types of steam or hydraulic engines and turbines. The manufacture of automobile engines is included in the AUTOMOBILE MANUFACTURING INDUSTRY (auto. mfg.), and aircraft engines in the AIRCRAFT MANUFACTURING INDUSTRY (aircraft mfg.).

ASSEMBLER, SHOW MOTOR
ASSEMBLER, STEAM-AND-GAS TURBINE
leadman, turbine assembly
BENCH HAND
CARBURETOR ASSEMBLER
CYLINDER-HEAD ASSEMBLER
DIESEL-ENGINE ASSEMBLER
DIESEL-ENGINE ERECTOR
diesel-engine fitter
DIESEL-ENGINE INSPECTOR
DIESEL-ENGINE REPAIRMAN
DIESEL-ENGINE TESTER
ELECTRICAL REPAIRMAN, INTERNAL COMBUSTION ENGINES
ENGINE-ASSEMBLY FOREMAN
ENGINE-MOTOR-GENERATOR-SET ASSEMBLER
ENGINE-REPAIR FOREMAN
ENGINE REPAIRMAN, PRODUCTION
ENGINE REPAIRMAN, SERVICE
repairman, service parts
ENGINE-TESTING FOREMAN
EXPERIMENTAL MECHANIC, OUTBOARD MOTORS
river tester
GASOLINE-ENGINE ASSEMBLER
GASOLINE-ENGINE INSPECTOR
GASOLINE-ENGINE REPAIRMAN
GEAR-CASE ASSEMBLER
GOVERNOR ASSEMBLER
INJECTOR ASSEMBLER
INTERNAL-COMBUSTION-ENGINE ASSEMBLER
engine assembler
INTERNAL-COMBUSTION-ENGINE-ASSEMBLER HELPER
assembler helper
INTERNAL-COMBUSTION-ENGINE INSPECTOR
inspector
inspector and tester
INTERNAL-COMBUSTION-ENGINE SUBASSEMBLER
bench assembler
group assembler
LAWN-MOWER-ENGINE REPAIRMAN

LIFE TESTER, OUTBOARD MOTORS
life tester, experimental
MACHINERY ERECTOR
erector
heavy-machinery assembler
MOTORCYCLE-ENGINE ASSEMBLER
OUTBOARD-MOTOR ASSEMBLER
OUTBOARD-MOTOR INSPECTOR
OUTBOARD-MOTOR REPAIRMAN
OUTBOARD-MOTOR TESTER
PIPE FITTER, DIESEL ENGINE
piper
PIPE FITTER, TURBINE
REMOTE-CONTROL ASSEMBLER
SWITCHBOARD OPERATOR, ENGINE TEST
TURBINE-BLADE ASSEMBLER
TURBINE INSPECTOR
TURBINE SUBASSEMBLER
WATER-PUMP ASSEMBLER

engraving—ENGRAVING, CHASING, AND ETCHING INDUSTRY: This designation covers occupations concerned with engraving, chasing, and etching on jewelry and silverware, notarial seals, nameplates, metal novelties, and other metal products for purposes other than printing. Engraving and etching of plates for printing are included in the PRINTING AND PUBLISHING INDUSTRY (print. & pub.).

CLEANER
white-work cleaner
DIE-ENGRAVING FOREMAN
ENGRAVER APPRENTICE, DECORATIVE
ENGRAVER, DECORATIVE
carver
decorator
ENGRAVER, FLATWARE
ENGRAVER, HAND
ENGRAVER, JEWELRY
ENGRAVER, LETTERING
ENGRAVER, MACHINE I
ENGRAVER, MACHINE II
ENGRAVER, OPTICAL FRAMES
ENGRAVER, ORNAMENTAL DESIGN
ENGRAVER, PANTOGRAPH I
prototype-machine operator
ENGRAVER, PANTOGRAPH II
ENGRAVING FOREMAN
ETCHER
JEWELRY-ENGRAVING FOREMAN
LAY-OUT MAN
SILK-SCREEN ETCHER
etcher, hand
STENCIL MAKER

excelsior—EXCELSIOR INDUSTRY: This industry covers occupations in manufacturing wood excelsior and wood excelsior products, such as packing pads.

EXCELSIOR-MACHINE OPERATOR
excelsior-machine feeder
shredder operator
shredding-machine operator
KNIFE AND SPUR GRINDER
KNIFE SETTER
PAD-MACHINE FEEDER
PAD-MACHINE OFF-BEARER
PAD TAPER
PICKER
WOOD CUTTER, EXCELSIOR
log cutter, excelsior
log sawyer, excelsior

explosives—EXPLOSIVES INDUSTRY: This industry includes occupations in the manufacture of explosives, such as blasting powder, dynamite, guncotton or pyroxylin, gunpowder, nitroglycerin, smokeless powder, solid-propellant rocket fuel, safety fuses, and detonating caps. Production of liquid rocket fuels is included in the CHEMICAL INDUSTRY (chem.) and in the COMPRESSED AND LIQUEFIED GASSES INDUSTRY (comp. & liquefied gases).

ACID-LINE FOREMAN
acid supervisor
ACID MAN
acid blower
mixing-plant operator
nitrating-acid mixer
AMMONIUM-NITRATE CRYSTALLIZER
AMMONIUM-NITRATE NEUTRALIZER
AMMUNITION FOREMAN
ammunition storekeeper
ammunition supplyman
magazine foreman
BEATER OPERATOR
pulping-machine operator
BIAZZI-NITRATOR OPERATOR
BINITROTOLUENE OPERATOR
BLENDER
blender operator
BLOCK-BREAKER OPERATOR
digester operator
BLOCK-PRESS OPERATOR
powder-press operator
BOILING-TUB OPERATOR
washing-tub operator
CHECKER
nitrator checker
COMPOSITION MAN
CONTINUOUS-LINTER-DRIER OPERATOR
COTTON-PICKER OPERATOR
COTTON-WEIGHER OPERATOR
conveyor-weigher operator
COTTON-WRINGER OPERATOR
tetryl-wringer operator
wringer operator
CRYSTALLIZER OPERATOR
DEHYDRATING-PRESS OPERATOR
DIMETHYLANILINE-SULFATOR OPERATOR
DOPE-DRY-HOUSE OPERATOR
dope-house-operator helper
dry-house operator
DOPE MIXER
DRIER OPERATOR
dry-house attendant
DRY-HOUSE MAN, TETRYL
DUMPER
DYNAMITE-CARTRIDGE CRIMPER
crimper
DYNAMITE-PACKING-MACHINE FEEDER
power shoveler
DYNAMITE-PACKING-MACHINE OPERATOR
EXPLOSIVE HANDLER
FILTER WASHER
strainer cleaner
FINAL-BLOCK-PRESS OPERATOR
FORTIFIER OPERATOR
GELATIN-DYNAMITE-PACKING OPERATOR
GLAZING OPERATOR, BLACK POWDER
GRAINING OPERATOR
GRAINING-PRESS OPERATOR
finishing-powder-press operator
macaroni-press operator
powder-press operator
GUNCOTTON PACKER
LINTER-DRIER OPERATOR
MACERATOR OPERATOR
MAGAZINE MAN
MIXER OPERATOR
blender operator
mixing-house operator
MOLD-RELEASE MAN
MONONITROTOLUENE OPERATOR
NITRATOR OPERATOR
NITRATOR OPERATOR (explosives; plastics mat.)
dipper
NITROCOTTON OPERATOR
cotton-house operator
NITROGLYCERIN DISTRIBUTOR
NITROGLYCERIN FOREMAN
NITROGLYCERIN NEUTRALIZER
neutralizer
NITROGLYCERIN-NITRATOR OPERATOR, BATCH
NITROGLYCERIN - SEPARATOR OPERATOR
separator
ORDNANCE ENGINEER
ordnanceman, inspection
ORDNANCE ENGINEER, MUNITIONS
ORDNANCE ENGINEER, PROPELLANTS
OXIDATION OPERATOR
nitric-acid-concentrator operator
weak-nitric operator
POACHER OPERATOR
pulp-screen operator
POWDER-CUTTING OPERATOR
cutterman
POWDER-LINE REPAIRMAN
POWDER TRUCKER
PRELIMINARY-BLOCK PRESS OPERATOR
PROCESSOR, SOLID PROPELLANT
chemical operator
process operator
PRODUCTION ASSISTANT
PULVERIZING-AND-SIFTING OPERATOR
RECOVERY OPERATOR
denitrator operator
ROCKET-ASSEMBLY OPERATOR
SHELL-MACHINE OPERATOR
shell-house operator
SODA-DRY-HOUSE OPERATOR
SOLVENT-RECOVERY MAN
STRONG-NITRIC OPERATOR
nitric-acid-concentrator
t.c. operator
TECHNICAL OPERATOR, GRAIN PREPARATION
TETRYL-BLENDER OPERATOR
TETRYL-BOILING-TUB OPERATOR
TETRYL-DISSOLVER OPERATOR
dissolver operator
TETRYL-NITRATOR OPERATOR
TETRYL-SCREEN OPERATOR
TNT-LINE FOREMAN
TOXIC OPERATOR
VACUUM-PAN OPERATOR I
VACUUM-PAN OPERATOR II
WASH-HOUSE MAN
WHEEL-MILL OPERATOR

fabric. metal prod., n.e.c.—FABRICATED METAL PRODUCTS, NOT ELSEWHERE CLASSIFIED: This industry embraces occupations concerned with manufacturing metal novelties and specialties, and other metal products not elsewhere classified.

CAPPING-MACHINE OPERATOR, AUTOMATIC
ECCLESIASTICAL-ART-METAL WORKER
ORNAMENTAL-METAL WORKER
art-metal worker
ORNAMENTAL-METAL-WORKER APPRENTICE
art-metal-worker apprentice
ORNAMENTAL-METAL-WORKER APPRENTICE—Continued
ornamental-metal-fabricator apprentice
ORNAMENTAL-METAL-WORKER HELPER
art-metal-worker helper
TUBE COATER

fabric. plastics prod.—FABRICATED PLASTICS PRODUCTS INDUSTRY: This industry consists of the fabrication, including molding and casting, of plastics materials (which are usually known by trade names, such as Celluloid, Lucite, and Bakelite) into products or articles. The manufacture of plastics materials, such as pyroxylin plastics and phenolic plastics, used in the fabrication of plastics products, is included in the PLASTICS MATERIALS INDUSTRY (plastics mat.). Occupations concerned with the manufacture of cellophane bags (from purchased cellophane) are included in the PAPER GOODS INDUSTRY (paper goods).

ASSEMBLER
fabricator
ASSEMBLER-AND-GLUER, LAMINATED PLASTICS
ASSEMBLER, SKYLIGHTS
BAGGER
vacuum-forming-machine operator
BALL POLISHER
BANANA SPOTTER
BLENDER
compounder
powder mixer
BLENDER HELPER
compounder helper
BUFFER
CALENDER OPERATOR, FOUR-ROLL
z-calender operator
CASTER
pourer
CELLOPHANE-CASTING-MACHINE REPAIRMAN
CELLOPHANE-FOLDING-MACHINE OPERATOR
COLD-MOLDING-PRESS OPERATOR
COLOR MIXER
COMPRESSION-MOLDING-MACHINE OPERATOR
COMPRESSION-MOLDING-MACHINE SET-UP MAN
COMPRESSION-MOLDING-MACHINE TENDER
molder
plastic-press molder
CONVENTION BADGE PIN-SETTER
CUTTER, PLASTICS SHEETS
DESIGN INSERTER
DESIGNER, NOVELTIES
EAR-MOLD LABORATORY TECHNICIAN
EDGE GRINDER
ELECTRIC-SEALING-MACHINE OPERATOR
bonding-machine operator
dielectric-heat-sealing-machine operator
heat-seal operator
plastic-welding-machine operator
EXTRUDER OPERATOR
stuffer, vertical hydraulic
tuber operator
EXTRUDER-OPERATOR HELPER
FABRICATOR, PLASTICS
FIBER GLASS-DOWEL-DRAWING-MACHINE OPERATOR
solid-glass-rod-dowel-machine operator
FINISHER, HAND
FINISHER, MACHINE
FOAM-MACHINE OPERATOR
FOREMAN
shift-production supervisor
FORM MAKER, PLASTER
molder
slusher
GANG OPERATOR
side hemmer
GLUER, WET SUIT
GRINDER
cutter operator
pulverizer
HEAT WELDER, PLASTICS
welder, plastic
INJECTION-MOLDING-MACHINE OPERATOR
injection molder
molder
INJECTION-MOLDING-MACHINE SET-UP MAN
INJECTION-MOLDING-MACHINE TENDER
machine tender
INLAYER, SILVER
INSPECTOR
customer-return inspector
process inspector
INSPECTOR, CHIEF
INTERNAL CARVER
KNOCK-OUT MAN
LABORER, GENERAL
LACQUERER
LACQUER MAN
LAMINATOR, PREFORMS
preformer, impregnated fabrics
squeegeer and former
LAY-OUT AND STORAGE MAN
MANDREL CLEANER
MANDREL PULLER
MIXING-MACHINE OPERATOR
batch maker
mixer and weigher
MOLD CLEANER
MOLDER, PIPE COVERING
MOLD SETTER
die setter
set-up man, plastics-molding machine
OVEN ATTENDANT
PATTERN GIRL
PATTERNMAKER, PLASTICS
jig and form maker
plug maker
PILLING-MACHINE OPERATOR
biscuit-machine operator
briquetting - machine operator
pelletizer
pellet-machine operator
pellet man
preform-machine operator
tablet-machine operator
PINEAPPLE-TOP ASSEMBLER
PLASTICS BENCH MECHANIC
thermoplastic fabricator
PLASTIC - SHEETING CUTTER
PLASTIC-STOCK CLERK
PLATER, PLASTICS
PLEXIGLAS FORMER
PLEXIGLAS REPAIRMAN
POINTING-MACHINE OPERATOR
PRESSMAN I
flexigraphic printer
printer, plastic
PRESSMAN II
plate worker
PRESSMAN HELPER
REGRINDER

fabric. plastics prod.—continued

REPAIRMAN
plastics repairman
ROLL-SHEETING CUTTER
trim operator
ROTARY PREFORMER
ROUGH-AND-TRUEING-MACHINE OPERATOR
SAMPLER
resin tester
treater tester
SAWYER
SCRAP-SALVAGE MAN
SEAMER OPERATOR
SEQUINS STRINGER
SET-UP MAN, PLASTICS
SHLUNG-MACHINE OPERATOR, SEQUINS
slinger, sequins
SINGLE-STROKE PREFORMER
SPAGHETTI-MACHINE OPERATOR
dip-tube assembler, machine
SPECIALTY MOLDER
SPIN-TABLE OPERATOR
SPOOLER, SEQUINS
winder, machine sequins
SPOT PATCHER
STOCK-PREPARATION MAN
STRETCH-MACHINE OPERATOR
STRIPPER
TABBER
TACKER
TESTER
TRAY LOADER
TRIMMER
TUBE MOLDER, FIBER GLASS
TUBE ROLLER
VACUUM PLASTIC-FORMING-MACHINE OPERATOR
molder, vacuum
WRAPPER

fabric. prod., n.e.c.—MISCELLANEOUS FABRICATED PRODUCTS, N.E.C.: This designation includes occupations in the manufacture of miscellaneous items not included under a specific industrial designation, as follows: Lamp shades (except metal and glass), powder puffs, theatrical scenery, advertising curtains, hair ornaments, beaded articles, holiday goods, combs and hairpins made from materials other than plastics, rubber, or metal, and many other small articles. Occupations in the manufacture of braids, puffs, switches and similar hair articles are included in the HAIRWORK INDUSTRY (hairwork); the manufacture of metal pins and needles is included in the NEEDLE, PIN, HOOK AND EYE, AND SNAP FASTENER INDUSTRY (needle, pin, & rel. prod.); rubber combs and hairpins are included in the RUBBER GOODS INDUSTRY (rubber goods).

ANTIQUER AND RUBBER
ARTIFICIAL-CANDY MAKER
novelty-candy maker
ASSEMBLER-ARRANGER
arranger-assembler
ASSEMBLY FOREMAN
ATOMIZER ASSEMBLER
AWNING-FRAME MAKER
BAND-SAWING-MACHINE OPERATOR
cutter
material cutter
BEADWORKER
CURLER
FOREMAN, LAMP SHADES
GLUER
KNOT TIER
knotter
LAMP-SHADE ASSEMBLER
LAMP-SHADE JOINER
paster
LAMP-SHADE LACER
LAMP-SHADE SEWER
LAMP-SHADE TRIMMER
MUFF-BED MAKER
ORNAMENT MAKER, HAND
SEWING-MACHINE OPERATOR
SHREDDING-MACHINE OPERATOR
foil-machine operator
TAPER, MACHINE
TAPING-MACHINE TENDER
machine taper
TINSEL-MACHINE OPERATOR
TIRE MOUNTER
automatic-tire-spreader operator
tire assembler
WIRE - FRAME - LAMP-SHADE MAKER

felt goods—FELT GOODS INDUSTRY: This industry includes occupations concerned with the conversion of raw materials, such as hair, jute, rags, and wool, into felt for such uses as floor covering, heat and cold insulation, soundproofing, and roofing material. The manufacture of felt used in hats is included in the HAT AND CAP INDUSTRY (hat & cap).

BAND-SAW OPERATOR
BAT CARRIER
BLACKBOARD-ERASER MAKER, HAND
BOX FEEDER
BURLAP-SIZING-MACHINE OPERATOR
CALENDER OPERATOR
calender tender
chase-calender tender
friction-calender operator
iusterer
plain-calender tender
roll-calender tender
steam-press operator
CLOTH-PRINTER HELPER
COATER HELPER
COATING-AND-EMBOSSING-UNIT OPERATOR
DIE-CUTTING-MACHINE OPERATOR, AUTOMATIC
die cutter
DIE-CUTTING-MACHINE-OPERATOR HELPER, AUTOMATIC
DRYING-UNIT-FELTING MACHINE OPERATOR
continuous-drier operator
drier
DRYING-UNIT-FELTING-MACHINE-OPERATOR HELPER
continuous-drier helper
EXTRACTOR OPERATOR
FABRIC-COATING FOREMAN
felt-coating-and-mixing foreman
FELT CARBONIZER
FELT-CUTTING-MACHINE OPERATOR
power-cutting-machine operator
FELT-GOODS FOREMAN, NEEDLE PROCESS
kersey-department foreman
FELTING-MACHINE OPERATOR
hardening-machine operator
lay-up man
FELTING-MACHINE-OPERATOR HELPER
hardening-machine-operator helper
FELTMAKER AND WEIGHER
FULLING-MACHINE OPERATOR
GARNETTER
felter
felting-machine operator
GARNETT-MACHINE-OPERATOR HELPER
HAIR-PICKING-MACHINE OPERATOR
HYDRAULIC-PRESS OPERATOR
HYDRAULIC-PRESS-OPERATOR HELPER
MACHINE FEEDER, RAW STOCK
binman
feeder tender
hopper feeder
hopper tender
MACHINE HELPER
general worker
NAPPER TENDER
brushing operator
brush-machine operator
fleecing-machine operator
napper
napper operator
NAPPER TENDER—Con.
napping-machine operator
preparer
NEEDLE-BOARD REPAIRMAN
needle setter
NEEDLE-FELT-MAKING-MACHINE OPERATOR
NEEDLE-LOOM OPERATOR
NEEDLE-LOOM-OPERATOR-HELPER
NEEDLE-LOOM SET-UP MAN
NEEDLE-LOOM TENDER
PICKING-MACHINE-OPERATOR HELPER
RUG INSPECTOR
RUG-INSPECTOR HELPER
SEWING-MACHINE OPERATOR
SEWING-MACHINE OPERATOR, EDGING
SIZE MAKER
SIZING - MACHINE - AND - DRIER OPERATOR
SIZING - MACHINE - AND - DRIER - OPERATOR HELPER
SIZING - MACHINE - OPERATOR HELPER
SPRAYER
STOCK MIXER
batcher
lay-out man
lot man
TESTING-MACHINE OPERATOR
felt finisher
TOP - DYEING - MACHINE LOADER
dye - machine - tender helper
kettle-tender helper
VACUUM-DRIER OPERATOR
WRINGER - MACHINE OPERATOR
extractor operator
extract wringer
pressman
putter-out, machine
roll-press operator
setter, machine
striker-out, machine
wringer
wringer operator
wringing-machine operator

fertilizer—FERTILIZER INDUSTRY: This industry includes occupations concerned with the production of commercial fertilizers, of which the principal classes are superphosphates from bones, minerals, etc., ammoniated fertilizers, complete fertilizers, and concentrated phosphate.

BAG PRINTER
BATCH WEIGHER
weigher
BURNER MAN
CHAMBERMAN
chamber walker
CONTACT-ACID-PLANT OPERATOR
regeneration operator
sulfuric-acid-plant operator
CONTACT-ACID-PLANT-OPERATOR HELPER
DIGESTER OPERATOR
DRIER-AND-GRINDER MAN
FISH-FERTILIZER OPERATOR
FOREMAN
MILLER
MIXER
dry mixer
mixer-machine man
PRESS-AND-DRIER MAN
ROD-MILL MAN
regrind-mill operator
SAMPLEMAN
WET MIXER

fiber rugs—CARPETS, RUGS, AND MATS (OTHER THAN WOOL AND SYNTHETIC YARNS) INDUSTRY: This industry includes occupations in the manufacture of door mattings, art squares, rugs, and carpets from materials, such as twisted paper, wire grass, reeds, coir (cocoa fiber), sisal, jute, and rags. The manufacture of carpets and rugs from wool and synthetic yarns is covered by the CARPET AND RUG INDUSTRY (carpet & rug).

BINDING-END STITCHER
COATING-MACHINE OPERATOR
roll-coating-machine operator
DRIER-AND-REWINDER OPERATOR
rewind-and-drier operator
DRIER-AND-REWINDER-OPERATOR HELPER
rewind-and-drier helper
FOREMAN, FINISHING
finishing foreman
FOREMAN, TWISTING DEPARTMENT
twisting foreman
FOREMAN, WEAVING
weaving foreman
LOOM-CHANGEOVER OPERATOR
changeover operator
MACHINE FIXER
loom fixer
RIBBON-BACKING WEAVER
RUG BRAIDER, HAND
braided rug maker
RUG CUTTER
RUG-CUTTER HELPER
RUG INSPECTOR
RUG-INSPECTOR HELPER
RUG MENDER
rug finisher
SAMPLE PROCESSOR
sample maker
SCRIM WEAVER
SLITTING-AND-TWISTING MACHINE OPERATOR
STENCILER
painter, design
painter, stencil
STENCIL MAKER
TRIMMER
TWISTING-MACHINE TENDER
twister operator
WEAVER

finan. inst.—FINANCIAL INSTITUTIONS: Covered by this designation are occupations concerned with the operations of financial institutions of which the primary types are building and loan associations, installment and personal finance companies, security brokers, security dealers, and holding companies. Banking operations are included under BANKING INSTITUTIONS (banking).

BOARD BOY
board marker
BOARD GIRL
BROKERAGE CLERK I
BROKERAGE CLERK II
BROKER-AND-MARKET OPERATOR, GRAIN
grain trader
BROKER'S FLOOR REPRESENTATIVE
floor broker
floor representative
floor trader
CUSTOMS-HOUSE BROKER
DISBURSEMENT CLERK
GRAIN SAMPLER
grain prober
LOAN CLOSER
LOAN OFFICER
MANAGER, CONSUMER CREDIT
MANAGER, FINANCIAL INSTITUTION
MANAGER, TRUST COMPANY
MARGIN CLERK
RUNNER
SALESMAN, FINANCIAL SERVICE
SALESMAN, SECURITIES
account executive
broker, securities
registered account adviser
securities adviser
SECURITIES TRADER
SPECIALIST
SUPERVISOR, CREDIT UNION
TELEPHONE-QUOTATION CLERK
information clerk, brokerage
quote clerk
telephone-information clerk

firearms—FIREARMS AND GUNS INDUSTRY: Included under this designation are those jobs concerned with making all types of small firearms, such as pistols, revolvers, rifles, shotguns, and machine guns; and naval, aircraft, antiaircraft, tank, coast, and field artillery and component parts. This industry also includes the manufacture of gun turrets, mounts, carriages, limbers, and components parts. The manufacture of explosives is included in the EXPLOSIVES INDUSTRY (explosives); the manufacture and loading of ammunition is included in the AMMUNITION AND RELATED PRODUCTS INDUSTRY (ammunition).

ALINER, BARREL RECEIVER
ARTILLERY-MAINTENANCE FOREMAN
ASSEMBLER I
final assembler
ASSEMBLER II
sub-assembler
ASSEMBLER III
BARREL FINISHER
BARREL LAPPER
lead lapper, barrels
BARREL LOADER AND CLEANER
BARREL POLISHER, INSIDE
inside polisher
BARREL REAMER
BARREL REAMER-RIFLER, SPECIAL
BARREL REPAIRMAN
BARREL-RIB MATTER
BARREL RIFLER
barrel-rifler operator
BARREL RIFLER, BROACH
BARREL RIFLER, BUTTON
BARREL RIFLER, HOOK
BARREL STRAIGHTENER I
BARREL STRAIGHTENER II
BARREL-TUMBLER LEADER
wash-barrel leader
BLUER
BORDERER
BROWNING PROCESSOR
CARVER AND CHECKERER, SPECIALS
CHECKERING - MACHINE ADJUSTER
CHOKE REAMER

Chronograph Operator
ballistics tester
Cleaner
Designer, Arms
Filer, Finish
Filer Repairman
Filing-and-Polishing Foreman
polishing-and-filing foreman
Final Inspector
inspector, final assembly
Finisher, Special Stocks
Firearms-Assembly Foreman
Fitter, Ventilated Rib
rib matcher and fitter
Front-Sight Attacher
Gas-Check-Pad Maker
Greaser
cleaner-greaser
oiler and packer, gun parts
Gun Examiner
Gun-Repair Clerk
package opener
Gunstock-Spray-Unit Adjuster
Gunstock-Spray-Unit Feeder
Gun Synchronizer
Gymnasticator Operator
Hydraulic-Pressure-Auto-Frettage-Machine Operator
cold worker
cold-working foreman
cold-work operator
hpaf operator
Hydraulic-Pressure-Auto-Frettage-Machine-Operator Foreman
cold-working foreman
Inletter
Inspection Foreman
Inspector, Assembly
Inspector, Barrel
Inspector, Cold Working
Inspector, Live Ammunition
Inspector, Remote Control
Marker
gun numberer
piece marker, small arms
Model Maker
sample maker
Painter, Ordnance
Production Estimator
estimator
Proof Director
Proof Director, Anti-aircraft Artillery
Proof Director, Mobile Artillery
Proof Director, Seacoast Artillery
Proof Director, Small Arms
Proof Inspector
proof tester
shooter
Proof Technician
control shooter
laboratory technician
Proof Technician, Anti-aircraft Artillery
Proof-Technician Helper
laboratory-mechanic helper
Proof Technician, Mobile Artillery
Proof Technician, Seacoast Artillery
Proof Technician, Small Arms
Repairman and Checkerer
Set-Up Man, Induction Heating
Shrink-Pit Foreman
Shrink-Pit Operator
pyrometer operator
Sight Mounter
repairman, sights
Skiving-Machine Operator
Small-Arms-Division Foreman
Solderer, Barrel Ribs
Special-Barrel Processor
Stock Checkerer I
checker, hand
Stock Checkerer II
checkering-machine operator
grip checkerer machine
Stocking and Box-Shop Foreman
Stock Maker, Custom
gunstock repairman
outside repairman, special
shaper
stockman
Stock Patcher
patcher-wood welder
stock repairman
Stock Shaper
Stock Turner
Straightener, Gun Parts
Strip-Tank Tender
enthone-solder stripper
Targeteer
aliner
sighter
Woodwork-Salvage Inspector
salvage inspector, wood parts

fireworks.—Fireworks Industry: Covered by this industry are occupations concerned with manufacturing pyrotechnic ammunition, including flares, signals, flashlight bombs, and pyrotechnic rockets; railroad torpedoes and fuses; display fireworks of all kinds, such as air and toy torpedoes, bombs, colored fire, firecrackers, rockets, shells, sparklers, torches, and wheels; and preparing and setting off fireworks displays.

Capper
Crimper
Dry-House Man
dry-house attendant
drying-room attendant
Finisher
Finisher, Cherry Bombs
cherry-bomb coater
Fireworks Assembler
pyrotechnic assembler
Fireworks Maker
Fireworks Man
setter-off
setter-up
Firing-Pin Gager
Floatlight-Loading Foreman
Floatlight-Powder Mixer
Foreman, Fireworks Assembly
fireworks-assembly foreman
Fuse Maker
Incendiaries Foreman
Incendiary-Powder Mixer
Inserter
Inspector, Fireworks
Loader
Mixer
Packer
Pellet-Post Inspector
Photoflash-Powder Mixer
Pressman, Incendiary Grenade
Pressman, Pyrotechnics
explosives operator
Pressman, Smoke Signal
Pressman, Star Signal
Pyrotechnic-Loading Foreman
Pyrotechnic Mixer
Starter-Cup-Powder Mixer
Tumbler Operator

fish.—Fishing Industry: This industry includes occupations in catching clams, fish, lobsters, oysters, seals, sponges, walruses, whales, and other marine life, and gathering aquatic shells, plants, etc. Canning and preserving fish is included under the Canning and Preserving Industry (can. & preserv.).

Abalone Diver
Alligator Farmer
Brailer
Bridgemaster
Buy-Boat Operator
Captain, Cannery Tender
Captain, Fishing Vessel
skipper
Chummer
Clam-Bed man
Clam Digger
Clam Dredgeman
dredge man
hydraulic-clam dredgeman
Clam-Dredge Operator
fisherman, clam
hydraulic-clam-dredge operator
Clam Grower
Clam Tonger
Clam Treader
Cook
cook, fishing vessel
Crab Farmer
Crab Inspector
Deckhand
Deck Watchman
Diver Pumper
Dulser
Egg Picker
Egg Stripper
Fish Bailer
Fish Cleaner
butcher
butcher-gang worker
dress-gang worker
fish cutter
fish dresser
Fish Culturist
fish-hatchery foreman
hatchery superintendent
pisciculturist
Fisherman I
waterman
Fisherman, Abalone
abalone gatherer
Fisherman, Beam Trawl
Fisherman, Clam I
Fisherman, Crab
Fisherman, Dip Net
Fisherman, Diver Net
Fisherman, Diving
fisherman, sponge or pearl
Fisherman, Drop Net
Fisherman, Eel
Fisherman, Eel Spear
Fisherman, Fyke Net
Fisherman, Gill Net
Fisherman, Hand Line
Fisherman, Haul, Drag, or Beach Seine
drag seiner
Fisherman, Haul, Drag, or Beach Seine—Con.
netter, drag
Fisherman, Heart Net
Fisherman, Hoop Net
Fisherman, Lampara Net
Fisherman, Line
fisherman
Fisherman, Lobster
Fisherman, Mussel
Fisherman, Net
dragger
seiner
trawler
Fisherman, Otter Trawl
Fisherman, Oyster
Fisherman, Paranzella Net
Fisherman, Pot
Fisherman, Pound Net or Trap
fisherman, trap
netter, pound
netter, trap
trapper
trap tender
Fisherman, Purse Seine
netter, run-around
purse seiner
Fisherman, Quahog
Fisherman, Reef Net
Fisherman, Scallop
Fisherman, Spanish Trawl
Fisherman, Spear
harpooner, fish
spearer
Fisherman, Sponge
Fisherman, Squaw Net
Fisherman, Swordfish
Fisherman, Terrapin
Fisherman, Trammel Net
Fisherman, Trawl Line
Fisherman, Trawl Net
dragnet fisherman
Fisherman, Troll Line
Fisherman, Trot Line
Fisherman, Weir
fisherman, trap
Fish Farmer
fisheries aid
Fish-Liver Sorter
Flenser
Food-Fish Culturist
Foreman, Rigging Scow
rigging-scow foreman
Frog-Farm Laborer
Frog Grower
frog farmer
Gaffman
Game-Fish Culturist
Gunner
harpooner, whale
Harpooner
Hatchery Man
Irish-Moss Bleacher
Irish-Moss Gatherer
Kelp Cutterman
Kelp Hookman
Laborer, Wharf
dock worker
fish pitcher
lumper
wharf hand
Lookout
Masthead Man
Mate-Fishing Vessel
fishing captain
Meat Flenser
Net Man
rigger
webman
Net Puller
Oarsman
Oysterbed Man
Oyster Dredger
Oyster Floater
Oyster Grower
Oysterman
Oyster Picker
Oyster Tonger
Oyster Unloader
Pearl Diver
Pole Thrower
Pound-Net or Trap Captain
captain of the pound
Salter
Scallop Dredger
Scallop Raker
Sculler
Seal Driver
Sealer
fisherman, seal
Seal Killer
Seal Skinner
Seasoner
Shellfish-Bed Man
bedman
Shellfish Grower
oyster culturist
Slimer
Sponge Diver
Sponge Hooker
fisherman, sponge hooking
hooker
Stake Boatman
skiffman
Striker
driver
Trawler, Double Rig
Trout Farmer
Walrus Hunter
Whaleman

flav. ext. & sirup—Flavoring Extract and Flavoring Sirup Industry: This industry embraces occupations in the manufacture of flavoring extracts in liquid, paste, and powder form; sirups and fruit juices for soda-fountain use and as food sauces; and soft-drink sirups.

Blending-Tank Tender
blender
blending-kettle tender
Cook, Kettle
cook
cooker
cook, pressure
vatman
Deoiling-Machine and Pasteurizing-Machine Operator
pasteurizing-machine and deoiling-machine operator
Extractor-Machine Operator
extractor operator
Fruit-Press Operator
pressman
Gelatin-Powder Mixer
Mixer Operator
Sirup Blender
Sirup Filterer
Sirup Maker
cooker, sirup
cook, sirup
sauce maker
sirup man
sirup-room man
Soft-Drink-Powder Mixer

food prep., n.e.c.—Food Preparations and Food Specialties Industry, Not Elsewhere Classified: This designation covers the manufacturing and processing of food preparations and miscellaneous food specialties, not elsewhere classified. Included are occupations concerned with (1) the blending, roasting, and grinding of coffee and tea, and the blending and grinding of spices; (2) the preparation of powdered and granular products and prepared foods, such as gelatin desserts, potato chips, peanut butter, cole slaw, shredded coconut, and strained honey; (3) the production of baking powder, yeast, and other leavening compounds; and (4) the production of vinegar and cider.

Baking-Powder Mixer
Batter Mixer
batch mixer
Blintze Roller
cheese-pancake roller
Burrito Maker
taco maker
Buyer, Maple Sirup
Can-Conveyor Feeder
Centrifuge Operator
separator operator
Chili-Pepper Grinder
Cinnamon Grinder
Coffee Dumper
Coffee Grinder
granulizing-machine operator
Coffee Roaster
coffee-roasting-machine operator
Coffee Roaster—Con.
roaster
Coffee Roaster, Continuous Process
Coffee-Roaster Helper
Coffee Taster
Collector
Cook, Chili
Cook, Enchilada
Cook, Mexican Food
Cook, Taco
Cook, Tamale
Cook, Tortilla
Corn-Chip Maker
Corn Cooker
Corn Grinder
Corn-Press Operator
Drier, Belt Conveyor
pressman-and-packaging man

food prep., n.e.c.—continued

DRIER OPERATOR, DRUM
EGG-AND-SPICE MIXER
FILLING-MACHINE-SET-UP MAN
service man
FISH-CAKE MAKER
FOREMAN, COFFEE
FOREMAN, COMPRESSED YEAST
FOREMAN, DRIED YEAST
FOREMAN, LIQUID YEAST
FOREMAN, MAPLE PRODUCTS
FOREMAN, NUTRITIONAL YEAST
FOREMAN, TEA-AND-SPICE
GENERAL HELPER
fermenter helper
yeast stacker
GREEN-COFFEE BLENDER
coffee blender
HONEYCOMB DECAPPER
comb capper
HONEY EXTRACTOR
HONEY GRADER-AND-BLENDER
honey liquefier
HONEY PROCESSOR
filterman
pasteurizer
MACHINE-SET-UP MAN
MAPLE-PRODUCTS MAKER
MAPLE-SIRUP MAKER
MAYONNAISE MIXER
MIXER
MIXER AND BLENDER
MIXER, CHILI POWDER
MIXER, DRY-FOOD PRODUCTS
MIXER, WHIPPED TOPPING
MIXING-MACHINE OPERATOR
MOLASSES PREPARER
mash-floor operator
MUSTARD MIXER
NUT CHOPPER
PACKAGING-MACHINE ADJUSTER
machine adjuster
PEANUT-BUTTER MAKER
PEELED-POTATO INSPECTOR
potato spotter
POTATO-CHIP FRIER
cooker, chip
potato-chip cooker, machine
POTATO-CHIP-PROCESSING FOREMAN
POTATO-CHIP SORTER
POTATO-PANCAKE FRIER
POTATO-PEELING-MACHINE OPERATOR
PRODUCTION HELPER I
general production worker
PRODUCTION-SUPPLY MAN
production helper
QUALITY-CONTROL TECHNICIAN
RAISIN WASHER
SEED-YEAST OPERATOR
pure-culture operator
yeast-culture operator
SPICE CLEANER
SPICE FUMIGATOR
SPICE MILLER
spice grinder
spice-grinding-mill operator
SPICE MILLER, HAMMER MILL
SPICE MILLER, ROLLING MILL
SPICE MIXER
spice blender
TASTER
TEA-BAG-MACHINE TENDER
TEA BLENDER
TEA TASTER
TORTILLA MAKER
TUMBLER TENDER
WRAPPING-AND-CUTTING-MACHINE OPERATOR
packaging-machine operator
yeast-cake cutter
YEAST CUTTER
YEAST-DRIER OPERATOR, DRUM
YEAST-FERMENTATION MAN
YEAST WASHER
utility man

forestry—FORESTRY INDUSTRY: This industry includes occupations concerned with the operation of timber tracts for the purpose of selling standing timber, the growing of trees for the purpose of reforestation, and reforestation activities; the gathering of gums and barks, Christmas trees, and decorative greens; fire prevention, fire fighting, and forest-pest control; and other forestry activities not elsewhere classified. The gathering of resin is included in the TURPENTINE AND ROSIN INDUSTRY (turp. & rosin); logging is included in the LOGGING INDUSTRY (logging); and the growing of ornamental trees, plants, and flowers is included in AGRICULTURE AND AGRICULTURAL SERVICE (agric.).

BOUGH CUTTER
CHIEF CRUISER
COMPASS MAN
CRUISER
estimator
land inspector
land looker
timber cruiser
timber estimator
timberman
timber rider
valuer
FIELD MAN
FIRE WARDEN
woods firewarden
GARLAND-MACHINE OPERATOR
GREENS PICKER
fern picker
GREENS PICKER—Con.
huckleberry-brush picker
GREENS TIER
INSPECTOR, WREATH
LOGGING-OPERATIONS INSPECTOR
inspector, cruiser
LOGGING-TRACTOR OPERATOR
MANAGER, DISTRICT
SEED CONE PICKER
SPRAYER
SUPERVISOR, COAST DISTRICT
TIMBER MARKER
lay-tree marker
marker
tree marker
TREE CLIMBER
TREE PLANTER
TREE PRUNER
WOODS BOSS
WREATH-MACHINE OPERATOR
YARD FOREMAN

forging—FORGING: Covered by this designation are occupations concerned with forging processes, whether performed on a job-lot or production basis. The primary processes include shaping metal by heating and hammering or pressing or by cold hammering or pressing. Forging is carried on in establishements that specialize in that type of work, and also as part of the manufacturing processes of various industries. This designation covers all occupations concerned with forging, wherever they occur, except those that are considered peculiar to their respective industries.

BLACKSMITH
anvil smith
BLACKSMITH APPRENTICE
BLACKSMITH HELPER
striker
BOARD-DROP-HAMMER OPERATOR
BOLT-MACHINE OPERATOR
BUNDLING-MACHINE OPERATOR
CHAIN-FORMING-MACHINE OPERATOR
CHAIN-TESTING-MACHINE OPERATOR
COINING-PRESS OPERATOR
COLD-HEADER OPERATOR
COLD-TRIMMING-PRESS OPERATOR
DIE HOLDER
DIE SETTER
die setter, drop hammer
die-set-up man
forging-machine set-up man
job setter
set-up man forging
DROP-HAMMER OPERATOR
blacksmith, hammer operator
blacksmith, machine
drop forger
drop hammerman
hammerman
hammer operator
hammer runner
power hammerman
power-hammer operator
DROP-HAMMER-OPERATOR HELPER
EXTRUDER OPERATOR
extrusion-press operator
pressman
EXTRUDER-OPERATOR HELPER
FOREMAN, EXTRUSION
extrusion foreman
extrusion press foreman
foreman, metal extrusion
metal-extrusion foreman
press foreman, metal extrusion
FORGE HELPER
press helper
trim-setter helper
FORGE-SHOP FOREMAN
FORGE-SHOP-MACHINE REPAIRMAN
hammer repairman
maintenance man
power-hammer repairman
FORGING-PRESS LEVERMAN
FORGING-PRESS OPERATOR I
die-machine operator
forging-machine operator
FORGING-PRESS OPERATOR II
press hand
press operator
FORGING-ROLL OPERATOR
roll forger
roll-forging operator
rolling-machine operator
HAMMER DRIVER
HAMMER-SHOP FOREMAN
HAMMERSMITH
HAMMERSMITH HELPER
HEADER-MACHINE OPERATOR
headerman
header operator
upsetter operator, automatic
HEATER
feeder
furnace feeder
furnaceman
furnace operator
furnace tender
hammer heater
heater, furnace
slug-furnace operator
HEATER HELPER, FORGE
HEAVY FORGER
HEAVY-FORGER HELPER
HOT-TRIMMING-PRESS OPERATOR
IMPACT-HAMMER OPERATOR
dual-action-hammer operator
impactor operator
INSPECTION FOREMAN
INSPECTOR
INSPECTOR, HOT FORGINGS
LEVERMAN
LOAD-CHAIN WELDING-MACHINE REPAIRER
MANIPULATOR OPERATOR
charging manipulator
PRESS SMITH
PRESS-SMITH HELPER
RESTRIKE-HAMMER OPERATOR
RIVET MAKER
SCALE SHOOTER
SLITTER-MACHINE OPERATOR
STEAM-HAMMER OPERATOR
TOOL DRESSER
TRIMMING-PRESS OPERATOR
TWISTING-PRESS OPERATOR
UPSETTER
UPSETTER HELPER

found.—FOUNDRY: Covered by this designation are occupations occuring in foundries engaged in manufacturing metal castings in sand molds on a job-lot or production basis. All foundry occupations are included under this designation, whether they occur in independently operated foundries or in foundries operated in conjunction with establishments in various industries.

BOILER RELINER, PLASTIC BLOCK
plastic installer
BONDACTOR-MACHINE OPERATOR
CASTING CARRIER
CASTING CLEANER
CASTING FOREMAN
CASTING INSPECTOR
casting tester
final inspector
soft iron inspector
CASTING-MACHINE-CONTROL-BOARD OPERATOR
CASTING SORTER
CASTING TRUCKER
CASTING WHEELER
CENTRIFUGAL-CASTING-MACHINE OPERATOR I
CENTRIFUGAL-CASTING-MACHINE OPERATOR II
CENTRIFUGAL-CASTING-MACHINE OPERATOR III
CENTRIFUGAL-WAX MOLDER
CHARGING-CRANE OPERATOR
CINDER-CRANE OPERATOR
CLAMP HANDLER
CONTROL CHEMIST, FOUNDRY
cupola control chemist
CORE ASSEMBLER
CORE CARRIER
CORE CHECKER
core inspector
CORE DIPPER
CORE FILER
COREMAKER
coremaker, experimental
COREMAKER APPRENTICE
COREMAKER, BENCH
COREMAKER, FLOOR
COREMAKER, MACHINE I
core stripper
COREMAKER, MACHINE II
tube coremaker
COREMAKER, MACHINE III
core-blower operator
COREMAKER, PIPE
COREMAKING FOREMAN
CORE-OVEN TENDER
core baker
core-drier man
core-oven man
fireman, core oven
ovenman
CORE PATCHER
CORE-SAND MAN
CORE SETTER I
CRUCIBLE-FURNACE OPERATOR, OIL OR GAS
CUPOLA CHARGER
cupola stocker
CUPOLA HOISTMAN
CUPOLA-MELTING FOREMAN
CUPOLA REPAIRMAN
cupola liner
cupola patcher
CUPOLA-REPAIRMAN HELPER
CUPOLA TAPPER
tap-out man
CUPOLA TENDER
cupola man
cupola melter
furnaceman
furnace tender
CUPOLA-TENDER HELPER
DIE-CASTING-MACHINE OPERATOR I
DIE-CASTING-MACHINE OPERATOR II
DIE-CASTING-MACHINE SET-UP MAN
DIE-CAST PATTERNMAKER
DIE-LAY-OUT MAN
DUMPER, MOLD CLEANER
ELECTRIC-ARC-FURNACE OPERATOR
FACING-SAND MAN
FINISHING FOREMAN
FLASK CARRIER
FLASK CLEANER
FOREMAN, DIE-CASTING
FOUNDARY FOREMAN
FOUNDRY LABORER, CORE ROOM
coremaker helper
core fitter
core paster
gagger man
FOUNDRY METALLURGIST
foundry technician
FOUNDRY WORKER, GENERAL
FURNACE OPERATOR
air-furnace operator
caster, investment casting
electric-furnace melter
electric-furnace operator
electric-induction-furnace operator
furnace tender, reverberatory
pit-furnace melter
rotary-furnace operator
FURNACE OPERATOR, OIL OR GAS
FURNACE TENDER
remelt operator
HOT-METAL-CRANE OPERATOR
HYDRAULIC CLEANER, CORE
INDUCTION-FURNACE OPERATOR
INJECTION-WAX MOLDER
INSPECTOR, CHIEF
salvager
soft-iron chief inspector
INSPECTOR, ROUGH CASTINGS
lay-out man
IRON CARRIER
JACKET CHANGER
LADLE LINER
converter helper
ladle cleaner
ladle-house man
ladle patcher
LADLE-LINER HELPER
LADLE-MAN HELPER
LADLE PUSHER
MACHINE MOLDER
machine line molder
MACHINE MOLDER, ROLL-OVER
MACHINE MOLDER, SQUEEZE
METAL CONTROL MAN
MOLD CHECKER
MOLD CLAMPER
MOLD CLOSER
close-up man
core mounter
core setter
dry floorman
finish molder
flask fitter
mold finisher
MOLD-CLOSER HELPER

MOLDER
experimental molder
molder, snap
molder, specialty
mold maker
sand molder
MOLDER APPRENTICE
sand-molder apprentice
MOLDER, BENCH
MOLDER, FITTING
MOLDER, FLOOR
MOLDER HELPER
MOLDER HELPER, MACHINE
MOLDER, PATTERN
MOLDER, SWEEP
floor molder, sweep method
MOLDING-SAND MAN
MOLD-MAKING FOREMAN
MOLD STACKER
PATTERN CARRIER
PATTERN CLEANER
PATTERN CLERK
PATTERN GATER
PATTERNMAKER APPRENTICE, METAL
PATTERNMAKER APPRENTICE, WOOD
PATTERNMAKER, METAL
metal patternmaker
PATTERNMAKER, METAL, BENCH
bench hand, metal patterns
bench patternmaker, metal
filer, metal patterns
metal patternmaker, bench
patternmaker, bench
patternmaker, hand
scratcher, metal patterns
PATTERNMAKER, WOOD
master pattern man
wood patternmaker
PATTERN-ROOM ATTENDANT
PATTERN SETTER I
pattern repairman
PATTERN-SHOP FOREMAN
PATTERN-STORAGE MAN
PATTERN-VAULT MAN
PLASTERER, MACHINE
PLASTER MOLDER I
patternmaker, pressure cast
senior plaster molder
PLASTER MOLDER II
POURER, BUGGY LADLE
POURER, BULL LADLE
POURER, CRANE LADLE
POURER, CRUCIBLE
caster
POURER, HAND LADLE
POURER, METAL
buggy-ladle tender
bull-ladle man
bull runner
ladle handler
ladle man
metal off-bearer
pourer
receiving-ladle tender
PULLER
PYROMETER MAN
fire regulator
RACK TENDER, CORES
REVERBERATORY-FURNACE OPERATOR
SAND CUTTER
SAND-CUTTER OPERATOR
sand-cutting-machine operator
sand-mixer operator
SAND-MIXER HELPER, MACHINE
SAND MIXER, MACHINE
sand conditioner, machine
sand-control man
sand mill operator
sand system operator
SAND SCREENER OPERATOR
SAND SHOVELER
SAND-SLINGER OPERATOR
sand slinger
sand-slinging-machine molder
SAND TESTER
sand technologist
SAND WHEELER
SCRAP BREAKER
SET-UP MAN, MOLDING-AND-COREMAKING MACHINES
core-room set-up man
pattern setter
SHAKE-OUT MAN
SHELL COREMAKER
SHELL-MOLD-BONDING-MACHINE OPERATOR
bonder
bonding-machine operator
shell mold bonder
SHELL MOLDER
SHOTBLASTER
SKIMMER, LADLE
SLAG MAN
SNAG GRINDER
casting finisher
cast-shell grinder
snagger
swing-frame-grinder operator
swing grinder
SPRAY MAN
SPRUE-CUTTING-PRESS OPERATOR
SPRUE KNOCKER
STAND GRINDER
STOCK CLERK, PATTERNS
TEST BOY
chill man
sample boy
TILTING-FURNACE OPERATOR, OIL OR GAS
TIP-CART MAN
TORCHER
TUBE-CLEANING OPERATOR
VACUUM CASTER
WAX MOLDER
injection molder
WAX-PATTERN ASSEMBLER
WAX-PATTERN COATER
dip-coat operator
mono-shell operator
WAX-PATTERN REPAIRER
inspector
WAX-POT TENDER
melter
WEIGHT-AND-TEST-BAR CLERK
melter clerk
WELDER, CASTING REPAIR
WIRE BENDER
WIRE CUTTER
WIRE PULLER
WIRE STRAIGHTENER

fuel briquettes—FUEL BRIQUETTES INDUSTRY: This industry covers occupations concerned with the manufacture of fuels made by pressing into briquettes such materials as anthracite culm, bituminous slack, petroleum coke, sawdust, and charcoal, mixed with asphaltic pitch, coal-tar pitch, or other suitable material as binders.

BARBECUE-BRIQUETTE-MACHINE OPERATOR
BRIQUETTE-MACHINE OPERATOR
briquette molder
molding-machine operator
BRIQUETTE-MACHINE-OPERATOR HELPER
CHARCOAL-BRIQUETTE-MACHINE OPERATOR
COAL-BRIQUETTE-MACHINE OPERATOR
FOREMAN
PRESTO-LOG OPERATOR

fur dressing—FUR DRESSING INDUSTRY: This industry embraces occupations in currying, scraping, tanning, bleaching, and dyeing pelts used in the manufacture of fur goods, and dressing the hair and bristles. The manufacture of fur goods from dressed furs is included in the FUR GOODS INDUSTRY (fur goods).

BEATING-MACHINE OPERATOR
BLEACHING FOREMAN
COMBER
CUTTER
DRUMMER
DYE-HOUSE FOREMAN
DYE-HOUSE WORKER
DYEING FOREMAN
DYER, MACHINE
brush-machine operator
dyer
feeder
FLESHER, HAND
fur scraper
hide cleaner
pelt scraper
FOREMAN, FLESHING
FOREMAN, FUR DRESSING
FOREMAN, FUR-FLOOR WORKER
FOREMAN, SHEARING
FUR BLENDER
fur dyer
fur tinter
FUR CLIPPER
FUR DRESSER
tanner
FUR-FLOOR WORKER
floorworker
FUR PLUCKER
plucker
FUR POINTER
FUR PULLER
FUR STRETCHER
FUR STRIPER
GREASER
HAIR-BOILER OPERATOR
HAIR CLIPPER, POWER
tail clipper
HAIR-SPINNING-MACHINE OPERATOR
PULLER, MACHINE
RABBIT FLESHER
SHAVING-MACHINE OPERATOR
dry shaver
dry-shaving-machine operator
finishing shaver
shaver
slating-machine operator
wet shaver
wet-shaving-machine operator
SHEARING-MACHINE FEEDER
shearer
TANNING FOREMAN

fur goods—FUR GOODS INDUSTRY: This industry covers occupations in manufacturing, restyling, and repairing fur and fur-lined goods, such as coats, neckpieces, hats, stoles, and capes, wherever such work is performed, whether in factories, stores, or repair shops. The preparation of furs is included in the FUR DRESSING INDUSTRY (fur dressing). The manufacture of sheepskin-lined clothing is included in the GARMENT INDUSTRY (garment).

FOREMAN, FURRIER SHOP
FUR CUTTER
FUR DESIGNER
fur fitter
FUR FINISHER
fur seamstress
fur tailor
FUR FINISHER, HEAD
FUR LINER
FUR-MACHINE OPERATOR
fur joiner
fur operator
fur sewer
FUR NAILER
FURRIER
fur repairman
fur tailor
FURRIER APPRENTICE
FUR RIPPER
FUR SORTER
fur grader
matcher, fur
FUR STAYER
FUR TRIMMER

furn.—FURNITURE INDUSTRY: This industry embraces occupations in the manufacture of household furniture, including kitchen cabinets, and furniture and fixtures for barber and beauty parlors, hospitals, laboratories, offices and stores, professional offices, and public buildings from wood, metal, and other materials. such as reed and rattan.

ADJUSTER
ANTIQUER
ARM MAKER
ART METAL-CHAIR ASSEMBLER
ASSEMBLER, METAL FURNITURE
metal-furniture assembler
ASSEMBLY INSPECTOR
inspector
ASSEMBLY-LINE INSPECTOR
BABY-CARRIAGE ASSEMBLER
baby-carriage maker
BACK MAKER
BACK PADDER
upholsterer helper
BACK-PANEL PADDER
BACKREST ASSEMBLER
BAND EDGER
veneer-edge bander
BANDING-MACHINE OPERATOR
bander
BAR AND FILLER ASSEMBLER
BASE ASSEMBLY MAN
BED MAKER
BENCH HAND
BENCH-SHEARS OPERATOR
BLOW-OFF MAN
BOXING-MACHINE OPERATOR
BRUSHMAN
BRUSH SHADE-HAND
BRUSH STAINER
CABINET ASSEMBLER I
CABINET ASSEMBLER II
CARVER, HAND
wood carver, hand
CASE FITTER
prefitter
CASE TOPPER
CHAIR ASSEMBLER
CHAIR CANER, HAND I
chair caner
seat weaver
CHAIR CANER, HAND II
chair caner
CHAIR INSPECTOR
CHAIR INSPECTOR AND LEVELER
CHAIR MAKER
CHAIR-SPRING ASSEMBLER
CHAIR UPHOLSTERER
chair trimmer
CHUCKING-AND-BORING-MACHINE OPERATOR
chair-post-machine operator
CLEANER, FURNITURE
bed washer
cleaner man
furniture cleaner
metal cleaner
CORNER-BRACE-BLOCK-MACHINE OPERATOR
corner-block cutter
COTTON DISPATCHER
COVER INSPECTOR
assembler-inspector
inspector
COVER MAKER
CRADLE-SLIDE MAKER
CRATE LINER
CUPBOARD BUILDER
cabinet finisher
CUSHION BUILDER
upholsterer
CUSHION CLEANER
CUSHION CLOSER
pillow closer
CUSHION-COVER INSPECTOR
CUSHION MAKER I
cushion assembler
cushion filler
cushion-mat maker
mat maker
pad maker
CUSHION MAKER III
CUSHION MAN
cushion maker
cushion stuffer
machine stuffer, automatic
upholstery helper
CUSHION-SPRING ASSEMBLER
DECORATOR
DENTAL-CHAIR ASSEMBLER
DESK ASSEMBLER
DIPPER AND DRIER
drying-machine operator
DISTRESSER
marker
DOOR FITTER
DOOR MAKER
DOUBLE-END-TRIMMER-AND-BORING-MACHINE OPERATOR
boring-machine-and-double-end-trimmer operator
double-end-miter-and-boring-machine operator
DRAWER BUILDER
DRAWER FITTER
DRAWER LINER
DRAWER UPFITTER
drawer-hardware man
file-drawer finisher
DRAWER WAXER
DULLER
EDGE ROLLER
END MAKER
EXAMINING-CHAIR ASSEMBLER
FILLER WIPER
FINISHED-STOCK INSPECTOR
final inspector
FINISH INSPECTOR
FINISH-OFF OPERATOR
FINISH PATCHER
burner-in
burnt-end repairman
finish cleaner
finish repairman
refinisher
retoucher
touch-up man
FITTER
FIXTURE DESIGNER
estimator and designer
FOOT-PIECE ASSEMBLER
FOREMAN, CUTTING-AND-SEWING DEPARTMENT
FOREMAN, CUTTING DEPARTMENT
FOREMAN, SEWING DEPARTMENT
FORMICA-TABLE-TOP-MOLDING WRAPPER
FRAME MAKER
FUMIGATOR AND STERILIZER
sterilizer operator
FURNITURE ASSEMBLER
parts assembler
FURNITURE DESIGNER
FURNITURE REPRODUCER
GLASS INSTALLER
glass inserter
glassman
glass setter
glazier
GLAZE WIPER
GLAZIER, METAL FURNITURE
GLUE-JOINTER HELPER
GLUE-SIZE-MACHINE OPERATOR
GRAINING-ROLLER MAKER
HAIR-PICKING-MACHINE OPERATOR
HARDWARE ASSEMBLER
mounter
upfitter
HEAD-PIECE ASSEMBLER
HIGH-LIGHTER
HYDRAULIC-CHAIR ASSEMBLER
INSIDE-PANEL PADDER
INSPECTOR I
checker
KERFER-MACHINE OPERATOR
LAG SCREWER
pin-machine operator

furn.—continued

LAMINATING-MACHINE OPERATOR
LAMINATOR, HAND
LEATHER TOOLER
LOCK ASSEMBLER
LOCKER ASSEMBLER
LOCK MAN
MARQUETRY WORKER
METAL-BED ASSEMBLER
panel assembler
METAL-CHAIR UPHOLSTERER
METAL-FINISH INSPECTOR
METAL SANDER AND FINISHER
METAL-TUBE POLISHER
MODEL BUILDER
OFFICE-CHAIR ASSEMBLER
OPERATING-TABLE ASSEMBLER
OVEN TENDER
baker, paint
enamel burner
kiln tender
oven attendant
oven loader
ovenman
PADDER, CUSHION
seat cover man
seat padder
PAINTER, PANEL EDGE
paint-and-table-edge man
PANEL COVERER, METAL FURNITURE
side-piece coverer
PANEL MAKER
panel coverer
PATTERNMAKER
PATTERNMAKER (furn.; garment; tex. prod., n.e.c.)
PLASTERER
plasterer, spot
PLASTIC-TOP ASSEMBLER
PLASTIC-TOP INSTALLER
POCKETED-SPRING INSERTER
POCKETED-SPRING TURNER
PUTTYMAN
RADIO-AND-TELEVISION-CABINET INSPECTOR
RAIL MAKER
RATTAN WORKER
REED WORKER
REPAIRMAN
handyman
salvage man
REPAIRMAN, WOOD FURNITURE
RIP-AND-GROOVE MACHINE OPERATOR
RIPPER
RIVETING-MACHINE OPERATOR
machine riverter
rivet-hammer-machine operator
RUBBER
burnisher
finisher
SATIN FINISHER
SCOOPING-MACHINE OPERATOR
adzing-machine operator
saddle-seat machine operator
scraper operator
seat scooper, machine
SEAT ASSEMBLER
SEAT MAKER I
SEAT MAKER II
SEWING-MACHINE OPERATOR
cushion sewer
pillow-cover sewer
upholstery sewer
SHAPER, HAND
scraper, hand
SHELLAC PATCHER
SIDE-PANEL PADDER
SKIN CARVER
SKIRT MAKER
SLIP-SEAT COVERER
slip-seat maker
upholsterer
SMALL PARTS ASSEMBLER
SOFA INSPECTOR
SORTER, UPHOLSTERY PARTS
bundler
upholstery bundler
upholstery handler
SPRING ASSEMBLER
coil placer
coil-spring assembler
spring builder
spring man
SPRING CLIPPER
SPRING COVERER
SPRINGER
hand-tier
springer-up
spring man
spring setter
spring tacker
spring tier
spring upholsterer
spring-up man
STAIN DIPPER
STAINER
STAIN WIPER
STAPLER, MACHINE
wire-stitcher, machine
STEAM CLEANER
STENCILER
STOCK-PARTS INSPECTOR
inspector and patch man
parts inspector
putty-and-patch man
STRIPER
STRIPPER
clean-off man
wash-off man
SUBASSEMBLY MAN
table-top assembler
SUITE-COVER INSPECTOR
TABLE AND DESK FINISHER
desk and table finisher
TABLE ASSEMBLER
TABLE ASSEMBLER, METAL
TABLE MAKER
TICKET-CHOPPER ASSEMBLER
TOW-PICKER OPERATOR
TRIMMING ASSEMBLER
cover assembler
UPHOLSTER II
upholsterer, assembly line
UPHOLSTERY CLEANER
cleaner
furniture cleaner
inspector helper
spotter
UPHOLSTERY CUTTER
cloth cutter
cover cutter
cutter-spreader
fabric cutter
hand cutter
machine cutter
upholstery-cover-pattern maker
UPHOLSTERY REPAIRMAN
UPHOLSTERY TRIMMER
gimp tacker
skirt girl
trimmer
VACUUM-SPINDLE SANDER
VARNISH DIPPER
VARNISH PATCHER
VENEER MATCHER
WASHCOAT WIPER
WEBBING TACKER
WELT SEWER
WICKER SORTER
WICKER WORKER
WILLOW WORKER
WIPER
brushman
rubber
wiper-blender
WIRE-BORDER ASSEMBLER
topper
ZIPPER SETTER
zipper binder

galvanizing—GALVANIZING AND OTHER COATING INDUSTRY: This designation covers occupations concerned with galvanizing or coating steel and iron sheets or formed products with zinc; in coating steel and iron sheets or formed products with aluminum and lead; or in retinning cans and utensils.

COATING-MACHINE OPERATOR
FOREMAN, HOT-DIP PLATING
GALVANIZER
kettleman
PLATER, HOT DIP
dipper
galvanizing dipper
pot runner
TIN DIPPER
TINNER, AUTOMATIC

garment—GARMENT INDUSTRY: This industry includes occupations in the manufacture of various types of garments from purchased fabrics (including simulated fur) and leather (including simulated leather), the principal products being men's and boys' outergarments and furnishings, such as overcoats, suits, jackets, trousers, raincoats, shirts, pajamas, underwear, and belts, except leather belts which are included in the LEATHER PRODUCTS INDUSTRY (leather prod.); women's and girls' outergarments and furnishings, such as suits, dresses, blouses, skirts, lingerie, and aprons; men's and women's handkerchiefs; work clothing, such as overalls, jackets, trousers, and shirts; blanket-lined and sheepskin-lined clothing; vestments and regalia for academic, ceremonial, clerical, fraternal, and similar purposes; brassieres, corsets, and allied garments, except surgical and orthopedic garments which are included in the SURGICAL AND ORTHOPEDIC APPLIANCES INDUSTRY (surgical appl.); and garments of rubberized material, except those of vulcanized rubber which are included in the RUBBER GOODS INDUSTRY (rubber goods). The manufacture of fur garments is included in the FUR GOODS INDUSTRY (fur goods); gloves and mittens in the GLOVE AND MITTEN INDUSTRY (glove & mit.); hats and caps in the HAT AND CAP INDUSTRY (hat & cap); hosiery in the HOSIERY INDUSTRY (hosiery); and fully knitted garments in the KNIT GOODS INDUSTRY (knit goods).

ACETONER
seam dampener
ADJUSTABLE-STRAP SEWER
ALTERATION TAILOR
alterer
bushcler
bushelman
clothes mender
clothes repairer
mender
APPLIQUER
APRON MAKER
ARMHOLE-AND-SHOULDER OFF-PRESSER
ARMHOLE BASTER
ARMHOLE BASTER, HAND
ARMHOLE BINDER
ARMHOLE HEMMER
ARMHOLE RAISER
ARMHOLE-TAPE SEWER
ASSEMBLER
assorter
bundle tier
feeder
fitter, factory
folder
garment bundler
matcher
piecer-up
tier
BACK EDGER
BACK FACER
BACK-POCKET ATTACHER
BACK SEAMER
BACK TENDER
back man, cloth drier
desizing-machine off-bearer
BACK TENDER—Continued
desizing-machine operator, rear-end
dry-can rear-end man
drying-machine receiver
drying-machine tender
frame catcher
swing tender
take-away attendant
tentering-machine off-bearer
tentering-machine rear-end operator
tenter-machine tailer
BAND ATTACHER
BAND CUTTER
BAND-CUTTING-MACHINE OPERATOR
BAND MAKER
BAND PRESSER
BASTER, HAND
BASTING PULLER
basting cleaner
brusher
bushel girl
cleaner
end drawer
finisher
table girl
BATHING-SUIT-TRUNK SEWER
BELT CUTTER
BELT-LOOP CUTTER
BELT-LOOP MAKER
BELT-LOOP SEWER
BELT MAKER
belt sewer
BELT RUBBERIZER
rubberizer
BELT SETTER
BELT TURNER
BIB-AND-BACK FELLER
BINDER I
tape stitcher
BINDING CUTTER
BLIND-PIPING-MACHINE OPERATOR
BLOUSE FELLER
BLUE-PENCIL MAN
dopster
okay man
BONER
stayer
steeler
steel setter
stripper
BONING TAPER
BONNAZ-MACHINE OPERATOR
BORDER ATTACHER
BOTTOM CUTTER
BOTTOM EDGER
BOTTOM FELLER
BOTTOM HEMMER
BOW ATTACHER
BOXING INSPECTOR
boxing-and-finishing inspector
folded-garment inspector
over inspector
refolder
BOX-PLEAT SEWER
BRAID SEWER
BRASSIERE MAKER
BRIDLE SEWER
BUCKLE SEWER
BUDDER
BUTTON-ATTACHING MACHINE OPERATOR
button bradder
button clamper
button riveter
button tacker
patent-button machine operator, automatic
tacking girl
top-bottom-attaching-machine operator
BUTTONER
BUTTON FACER
BUTTONHOLE FACER
BUTTONHOLE-MACHINE OPERATOR
buttonhole finisher
buttonhole maker, machine
buttonholer
buttonhole sewer
BUTTONHOLE MAKER, HAND
BUTTONHOLE MARKER
BUTTONHOLE STAYER
BUTTONHOLE TACKER
BUTTON MARKER
BUTTON SEWER, HAND
BUTTON-SEWING-MACHINE OPERATOR
BUTTON STAYER
BUTTON-STRIP SEWER
CANVAS AND PADDING SEWER
CANVAS CUTTER
CANVAS MAKER
CANVAS SHRINKER
CANVAS TRIMMER
CEMENTER
CIRCULAR-STITCH OPERATOR
swirl-machine operator
CLIP-ON-TIE MAKER
CLOTH FOLDER, HAND
book folder
folder, hand
CLOTH FOLDER, HAND—Continued
hand-booked folder and stitcher
maker-up, folding
CLOTHING MAKER
clothing operator
garment maker
CLOTH MEASURER, MACHINE
measurer, machine
measuring percher-and-inspector
CLOTH SHADER
CLOTH SHRINKING-MACHINE OPERATOR
cloth shrinker
cloth-shrinker-machine operator
cloth sponger
shrinker
sponger
water sponger
CLOTH TEARER
tearer
CLOTH TESTER
fabric inspector and tester
textile technician
textile tester
COAT BASTER
COAT BASTER (garment; ret. tr.)
COAT-BODY FELLER
COAT CUTTER
COAT CUTTER, MACHINE
COAT DRAPER
COAT FITTER
COAT-HOOD MAKER
COAT IRONER, HAND
COAT JOINER
COAT PADDER
COAT SHAPER
COAT TAILOR
COLLAR-AND-COAT-EDGE TRIMMER
COLLAR ATTACHER
COLLAR-BAND HEMMER
COLLAR-BAND SEWER
COLLAR-BUTTON SEWER
COLLAR CUTTER, HAND
COLLAR CUTTER, MACHINE
COLLARETTE SEWER
COLLAR FELLER
COLLAR FUSER
COLLAR MAKER
COLLAR MOLDER
collar shaper
COLLAR PADDER
COLLAR PREPARER
COLLAR SETTER
COLLAR TACKER
COLLAR TRIMMER
COLLAR TURNER
COLLAR-TURNER OPERATOR
collar-folder operator
collar-shaper operator
COMPARISON SHOPPER
merchandise shopper
professional shopper
shopper
COPYIST
CORDER
CORDING INSERTER
CORD PIPER
CORSET INSPECTOR
CORSET REPAIRER
COTTON PRESSER
CROTCH JOINER
CROTCH-PIECE BASTER
CROTCH SEAMER
CROTCH-STAY SEWER
CROTCH-TAPE SEWER
CUFF ATTACHER
CUFF-BUTTON SEWER
CUFF CREASER

Cuff Cutter
knit-wrist cutter
Cuff Edger
Cuff Maker
Cuff Seamer
Cuff Tacker
Cutting Inspector
cutting examiner
trim inspector
Dampening-Machine Operator
dampener
Dart Sewer
Decating-Machine Operator
cloth finisher
decatizer tender
dry-decator operator
open-blower operator
semi-decator
semi-decator operator
steam finisher
steam-shrinking-machine operator
steam sponger
Diagonal Tacker
Display Sewer
Draper
Drawers Facer
Drawers Hemmer
Dress Cutter
Dress Cutter, Machine
Dress Draper
Dress Finisher
Dressmaker
Dress Marker
Drier
Drying-Machine Tender I
oven tender
stove tender
tubing drier
Edged-Tubing Sewer
Edge Maker
Edger
edge-cutting-machine operator
whipper, edge
Edge Taper
Elastic Attacher
elastic back sewer
elastic-band sewer
elastic spreader
Elastic Cutter
Elastic-Machine Operator
Elastic-Suspender Maker
Elbow Patcher
Embroiderer, Hand
decorator, hand
hand embroiderer
Embroidery-Machine Operator
Eyelet-Machine Operator I
eyelet operator
eyeletter
Eyelet-Machine Operator II
Fabric-and-Accessories Estimator
Facer
Facing-Cutting-Machine Operator
Facing Sewer
Facing Slitter
Facing Tacker
Fagoter II
Fagoting-Maching Operator I
fagoter
Fagoting-Machine Operator II
fagoter
trimming stitcher
Fastener-Sewing-Machine Operator
Feller, Hand
Feller, Machine
felling-machine operator
fell operator
Festooner
Final Assembler
rack girl
Finished-Garment Inspector
Finisher, Hand
Flap Edger
Fly Facer
Fly Maker
Fly Tacker
Folding-Machine Operator
creaser
creasing-machine operator
crimper
folder
Foreman-Cutting Department
Foreman, Finishing Department
Foreman, Inspection Department
Foreman, Pressing Department
Foreman, Sewing Room
Form Maker
French-Fly Sewer
Front-Button Sewer
Front Edger
Front Hemmer
Fur Collar Sewer
Fur-Jointer Operator
Gang-Hemstitching-Machine Operator
Gang Operator
side hemmer
Garment Bagger
Garment Cutter, Hand
Garment Cutter, Machine
Garment Examiner
Garment Folder
folder
pinner
Garment Inspector
checker
examiner
inspector
trimmer
Garment Turner
turner, hand
Garter Sewer
Garter-Tab Sewer
Gathering-Machine Operator
flounce sewer
gatherer
ruffler machine operator
Gimp-Buttonhole-Machine Operator
eyelet-buttonhole-machine operator
Gore Maker
Gusset Cutter, Hand
Gusset Cutter, Machine
Gusset Edger
Gusset Hemmer
Gusset Sewer
Handkerchief Cutter
Handkerchief Folder
Hanger Sewer
Hanger Tacker
Hebdon-Machine Sponger
Hem Baster
Hemmer
flat-hem-machine operator
hemming-machine operator
plain hemmer
Hemstitching-Machine Operator
Hook-and-Eye Attacher
Hook-and-Eye Attacher, Machine
Hose-Suspender Cutter
Initial Maker
Inseamer
Inserter
Inset-Pocket Setter
Inspector, Trimming Material
Jump-Iron-Machine Presser
Label Cutter
Label Cutter (garment; knit goods)
Label Sewer
Label Sewer, Hand
Label Tacker
Lace Attacher
Lace Cutter
Lace Pinner
Lacer
corset ribbon runner
corset stringer
ribbon stringer
Lace Sewer, Hand
Lace Trimmer
Lapel Baster
Lapel Maker
Lapel Padder
Lapel Seamer
Lay-Off Man
stamper
Leather-Collar Maker
Leather-Collar Sewer
Leather Etcher
Leather Grader
grader and shader
leather sorter
Leg Seamer
Letterer
Lining Baster, Hand
Lining Cutter, Hand
Lining Feller
Lining Finisher
Lining Matcher
lining spreader
matcher
Lining Presser
Lining Sewer
London-Shrinking-Machine Operator
cold-water-machine operator
Loop Sewer
Mail-Order Cutter
Mangle Catcher
Marker
Marking Stitcher
Master Tailor
custom tailor
journeyman tailor
made-to-measure tailor
tailor
Match Marker
flap and welt marker
Match-Up Cutter
bad-work girl
recut girl
repair girl
Match-Up Girl I
mender
repairer
Match-Up Girl II
damage cutter
thread cutter
Model
clothes model
fashion model
house model
manikin
mannequin
merchandise model
Nailhead Setter
Napper Tender
brushing operator
brush-machine operator
fleecing-machine operator
napper
napper operator
napper-machine operator
preparer
Neck-Band Setter
Neck-Band Sewer
Neck Binder
Neck Edger
Neck Feller
Necktie Cutter
Necktie Liner
Necktie Maker
Necktie Turner
Nicking-Machine Operator
Orlon-Pile Blender
Ornament Setter
nailhead puncher
stud setter
Overall-Bib Maker
Overall Inspector
Overall-Pants Sewer
Overall-Side-Pocket Stitcher
Padder
Pajama Folder
Panel Binder
Pants Baster
Pants Bushelman
Pants-Button Sewer, Machine
Pants-Crotch-Piece Baster
Pants Cutter
Pants Edger
Pants Maker
Pants Trimmer
Patcher
patch sewer
shield sewer
Pattern Cutter
board cutter
electric-shear operator
grader
pattern grader
Patternmaker
Piece-Goods Buyer
buyer
remnant buyer
Piece Presser
Pinking-Machine Operator
pinker
Pinner
Pin-Tuck-Machine Operator
Piping-Cutting-Machine Operator
Piping-Machine Operator
spaghetti maker
Placket Binder
Placket Facer
Pleat Sewer
Pocket Closer
Pocket Creaser
Pocket Cutter
Pocket Edger
Pocket Facer
Pocket-Flap-Button Sewer
Pocket-Flap-Creasing-Machine Operator
Pocket-Flap Maker
Pocket Marker
Pocket Presser
Pocket Setter
Pocket Tacker
Press Feeder
roller-presser operator
Puncher
notcher
Rhinestone Setter
Ribbon Cutter
Ribbon-Machine Operator
Riveter, Hand
Rivet-Hole Puncher
rivet-hole-machine operator
Rubberizer, Machine
Rule-Pocket Maker
Sample Cutter
Sample Cutter (garment; textile)
Sample-Handkerchief Girl
Sample Stitcher
assembler
sample maker
sample maker, original
sample tailor
Scaler
sorter
Scallop Attacher
Scalloper
Seam Presser
Seat Feller
Seconds Inspector
mending inspector
Setter, Garment Parts
Sewing-Machine Operator, Cotton Garments
Sewing-Machine Operator, Leather Garments
Sewing-Machine Operator, Lingerie
Sewing-Machine Operator, Men's Tailored Garments
Sewing-Machine Operator, Regular Equipment
joiner
power-sewing-machine operator
sewer, machine
stitcher
stitcher, machine
stitching-machine operator
Sewing-Machine Operator, Rubber Garments
Sewing-Machine Operator, Special Equipment
Sewing-Machine Operator, Style Garments
Sewing-Machine Operator, Women's Coats and Suits
Sewing-Machine Operator, Work Clothing
Shade-Ticket Marker
bundler
Shank-Button-Sewing-Machine Operator
Shaper and Presser
collar pointer
collar-top turner
cuff-turner-machine operator
Shearling Sewer
Sheepskin-Collar Cutter
Sheepskin Cutter
Shell-Stitch-Machine Operator
shell finisher
shell-machine operator
shell stitcher
Shirring-Machine Operator
shirrer
Shirt Creaser
Shirt Finisher
Shirt Folder
Shirt-Folding-Machine Operator
shirt folder, machine
Shirt Hemmer
Shirt Inspector
Shirt Marker
Shirt Sewer
Shirt Sorter
Shirt Tailor
Shirt Turner
Shirtwaist Cutter
Shop Tailor
finisher
tailor
Shoulder Seamer
Shoulder-Seam Joiner
Side-Pocket Facer
Side Seamer
Silk Presser
Skirt Hemmer
Skirt Maker
Skirt-Trimming-Machine Operator
Sleeve Baster
Sleeve-Bottom Feller
Sleeve Cutter, Machine
Sleeve Edger
Sleeve Facer
Sleeve Feller
Sleeve Hemmer
Sleeve-Lining Sewer
Sleeve-Lining Trimmer
Sleeve Maker, Hand
Sleeve Seamer
Sleeve Setter
Sleeve Tailor
Sleeve Turner
Slider Assembler
slider attacher
zipper-slide attacher
Slip-Stitch-Machine Operator
Smocking-Machine Operator
Snap-Fastener-Machine Operator
Snap Sewer
Soabar-Machine Operator
Spot Cleaner
cleaner
dry cleaner
spotter
spot washer
Starcher, Hand
Starcher, Machine
collar starcher
Starchmaker
cooker, starch
Stenciler
dart marker
stamper
Strap Buckler, Machine
buckler
Strap Cutter
Strap Hemmer
Strap-Machine Operator
strap maker
Strap-Machine Operator, Automatic
shoulder-strap runner
strap maker
strap-running-machine operator
tubular-machine operator
Strapper
seam sealer
Strap Sewer
Strip Sewer
Suit Cutter
Suit Finisher
Suspender-Button Sewer
Suspender Cutter
Suspender Edger
Suspender Liner

garment—continued
SUSPENDER STRAPPER
SWATCH CLERK
SWATCH PASTER
TACKER
TACKING-MACHINE OPERATOR
TAILOR APPRENTICE, ALTERATION
alterer apprentice
TAILOR APPRENTICE, CUSTOM
made-to-measure-tailor apprentice
master-tailor apprentice
TAILOR APPRENTICE, SHOP
finisher-tailor apprentice
shop-tailor apprentice
TAILORED-BUTTONHOLE-MACHINE OPERATOR
piped-buttonhole-machine operator
TAILOR, MEN'S READY-TO-WEAR
TAILOR, WOMEN'S-GARMENT ALTERATION
TAPE-BLIND STITCHER
TAPE CUTTER
TAPE CUTTER (garment; knit goods)
TAPE-CUTTING-MACHINE OPERATOR
TAPING-MACHINE OPERATOR
binder
piper
tape-master operator
tape sewer
trim-master operator
THREAD MARKER
basting marker
TIE BINDER
bander
bundler
TOP-COLLAR BASTER
TOP-COLLAR MAKER
TOP STITCHER
TRIMMING CUTTER
TRIMMING FINISHER
TRIMMING-MACHINE OPERATOR
winder
TRY-ON BASTER
TUBING ATTACHER
TUBING EDGER
TUCKING-MACHINE OPERATOR
TUFTING-MACHINE OPERATOR
chenille-machine operator
yardage-tufting-machine operator
TUFT-MACHINE OPERATOR
needle-punch operator
overlay operator
UNDERARM-SHIELD SEWER
UNDERCOLLAR BASTER
UNDERCOLLAR MAKER
UNDERPRESSER, HAND
VEST BASTER
VEST BUSHELMAN
VEST-BUTTON SEWER, HAND
VEST-FRONT PRESSER
VEST-JOINT CUTTER
VEST-LINING MAKER
VEST-NECK CUTTER
VEST PRESSER
VEST SHAPER
VEST TAILOR
WAIST-BAND-LINING SEWER
WAIST-BAND SEWER
WAIST PRESSER
WASTE SALVAGER
small-piece cutter
WATERPROOFER, OILSKINS
WELT SEWER
WIGAN BASTER
WIGAN CUTTER
WOMEN'S-GARMENT CUTTER
YARDAGE ESTIMATOR
YOKE SEWER
ZIPPER SEWER

glass mfg.—GLASS MANUFACTURING INDUSTRY: This industry embraces occupations in the manufacture, from raw materials, of glass and glass products, of which the principal kinds are window and plate glass; pressed ware, such as plates, cups, and tumblers; blown ware, such as bottles; glass fibers; glass blocks; and pressed or blown scientific, technical, and industrial glassware. The designation does not cover the production of glass products from purchased glass, such as cut-glass tableware, and leaded, stained, and art-glass windows, which is included in the GLASS PRODUCTS INDUSTRY (glass prod.). Certain occupations concerned with the manufacture of fiber glass insulation are found in the WALLBOARD, WALL PLASTER, AND BUILDING INSULATION INDUSTRY (wallboard).

BALCONY MAN
platform man
BALL HOLDER
BANDER, HAND
BATCH-AND-FURNACE MAN
BEVELER I
BEVELING-AND-EDGING-MACHINE OPERATOR
beveler
beveling-machine operator
BEVELING-AND-EDGING-MACHINE-OPERATOR HELPER
BINDER TECHNICIAN
BLOCKER
hand blocker
BLOCKER, AUTOMATIC
cleaning-machine operator
load blocker
BLOW-UP BOY
BOBBIN DISKER
BOBBIN MAN
BOBBIN SORTER
bobbin salvager
spool salvager
BOTTLE BLOWER
BOTTLE INSPECTOR
BOTTLE-MACHINE OPERATOR I
forming-machine operator
BOTTLE-MACHINE OPERATOR II
bottle-blowing-machine operator
forming-machine operator
press-and-blow-machine operator
BREAKER, SPRUES
breaker, castings
crack-off man
knocker-off
CARRYING-IN BOY
CASER, ROLLED GLASS
CATCHING-OUT BOY
CHEMIST, GLASS
glass technologist
CHOPPED-STRAND OPERATOR
CLAY STRUCTURE BUILDER AND SERVICER
clay-house worker
CRACK-OFF BOY
CROSS CUTTER, ROLLED GLASS
CULLET CRUSHER-AND-WASHER
cullet handler
CUTTER-DOWN
glass cutter-down
stem cutter
CUTTING-MACHINE OPERATOR, AUTOMATIC
glass-cutting-machine operator
DECORATING-EQUIPMENT SETTER
DECORATING INSPECTOR
inspector
DECORATING-MACHINE OPERATOR
DECORATOR I
glass artist
pyroglazer
DECORATOR II
stencil applicator
squeegee operator
DRAWING-KILN FOREMAN
DRAWING-KILN OPERATOR
drawing-machine operator
kiln operator
DYED-YARN OPERATOR
EDGER, HAND
END FINDER, FORMING DEPARTMENT
forming-tube selector
END FINDER, ROVING DEPARTMENT
creel selector
mat selector
roving selector
END FINDER, TWISTING DEPARTMENT
twisting-tube selector
FIBER-GLASS BONDING-MACHINE TENDER
bonded-strand operator
FIBER-MACHINE TENDER
forming operator
sliver former
sliver handler
FLOOR BOY
FLOOR INSPECTOR
glass-container inspector
inspector
FLOOR WINDER
FOOT CASTER
FOREMAN, BOTTLE-MACHINES
FOREMAN, DECORATING
FOREMAN, FORMING DEPARTMENT
FOREMAN, MOLD-CLEANING-AND-STORAGE
FOREMAN, MOLD MAKING
FOREMAN, MOLD SHOP
FOREMAN, RECEIVING AND PROCESSING
FORMING-MACHINE ADJUSTER
forming fixer
FORMING-MACHINE UPKEEP-MAN
upkeep mechanic
FORMING-MACHINE-UPKEEP-MAN HELPER
shear boy
spare boy
FREQUENCY CHECKER
end counter
frame-spinning observer
FURNACE-COMBUSTION ANALYST
combustion analyst
FURNACE TECHNICIAN
GATHERER
ball maker
GLASS BENDER II
GLASS BLOWER
blower
GLASS-CUT-OFF FOREMAN
GLASS-CUT-OFF-MACHINE OPERATOR
cut-off-machine operator
GLASS-CUT-OFF-MACHINE UNLOADER
cut-off-machine unloader
cut-off-machine helper
GLASS-CUT-OFF MAN
cut-off man, glass
window-glass cutter-off
GLASS-CUT-OFF MAN, HEAVY
GLASS CUTTER, MACHINE
GLASS DECORATOR
decorator
GLASS DRILLER
GLASS ETCHER
GLASS GRINDER
GLASS POLISHER
glass buffer
glass smoother
GLASS-ROLLING-MACHINE OPERATOR
GLASS ROUGHER
GLAZING-MACHINE OPERATOR
beveler
finisher
smoother
HOT-METAL WORKER
glass technologist
JOINER
LABORER, YARD CREW
LAYER
LEHR CUTTER
LEHR TENDER I
lehr man
LEHR TENDER II
LENS MOLDER
glass bender
LIP-AND-GATE BUILDER
LUSTER APPLICATOR
MARBLE-MACHINE OPERATOR
MARK-UP MAN
MITERMAN
MIXER
batch mixer
batch-plant operator
mix-house operator
MOLD HOLDER
MOLD POLISHER
mold cleaner
MOLD-PRESS OPERATOR, AUTOMATIC
press-machine operator
OVEN TENDER
PAPER BOY
PRESSER
PRODUCT TESTER, FIBER GLASS
roving technician
PUNCH-PRESS OPERATOR
fireman
molding-machine operator
power-punch operator
puncher
punch operator
QUALITY-CONTROL INSPECTOR
QUALITY-CONTROL TECHNICIAN
technician
QUALITY TECHNICIAN
laboratory technician
ROVING WINDER, FIBER GLASS
SAMPLE CLERK
SANDBLASTER, GLASS
SECOND CUTTER
glass breaker
glass cutter, hand
SELECTOR
glass-products inspector
inspector, machine cut glass
inspector-packer, glass container
SILK-SCREEN MAKER
SLIVER-FORMING-AND-WINDING OPERATOR
forming operator
SQUEEGEE-MACHINE OPERATOR, AUTOMATIC
STAPLE-FIBER-MACHINE TENDER
STENCILING-MACHINE TENDER
squeegee operator
squeegee-machine tender
STOPPER GRINDER
STRAIGHT-LINE EDGER
straight edger
STRIPPER
SUPERINTENDENT-OF-TANKS
SUPERVISOR, AUTOMATIC-CUTTING MACHINES
glass-cutting-machine supervisor
TANK-AND-BATCH OPERATOR
TANK-FURNACE OPERATOR
furnaceman
tankman
teaser
TEST-SKEIN WINDER
frickertron checker
TURN-OUT BOY I
TURN-OUT BOY II
TWISTER TENDER
beam-twister tender
cable-twister operator
downtwister
filling-twister tender
twister spinner
twisting-frame operator
twisting operator
warp-twister tender
yarn doubler
WARE FINISHER
glassware finisher
WAREHOUSE CUTTER
WARE SERVER
WARE TESTER
quality-control man
WARM-IN BOY
WAX-MACHINE OPERATOR
WEBER-EDGER OPERATOR
circle-edging-machine operator
WIPER
WIRE SETTER
assistant-rolling-machine operator
YARDAGE CONTROLMAN
yardage-control operator, forming
YARN EXAMINER
cone inspector
filling inspector
finished-yarn examiner
quill inspector
yarn inspector

glass prod.—GLASS PRODUCTS INDUSTRY: This industry includes occupations concerned with the production of glass products from purchased glass. The principal products are cut-glass tableware, leaded, stained, and art-glass windows, apparatus, mosaic glass, ground glass, glass watch crystals, and glass novelties, such as glass fruit, trees, flowers, etc.

ASSEMBLER, FILTERS
AUSTSCHUDER-MACHINE OPERATOR
fiber-glass-machine operator
BANDER, HAND
BEVELER
BREAKER
glass breaker
COPPER-WHEEL ENGRAVER
DECORATING-MACHINE OPERATOR
DECORATOR I
glass artist
pyroglazer
DECORATOR II
stencil applicator
squeegee operator
DRILLER, MACHINE
ENGRAVER
flower cutter
glassware engraver
miter cutter
wheel engraver
EYE-DROPPER ASSEMBLER
FIBER-GLASS-CONTAINER-WINDING OPERATOR
GLASS BLOWER, LABORATORY APPARATUS
glass technologist
GLASS-BLOWING-LATHE OPERATOR
GLASS-BULB SILVERER
GLASS CALIBRATOR
engraver
GLASS-CLEANING-MACHINE TENDER
GLASS DECORATOR
decorator
GLASS ETCHER
GLASS FINISHER
GLASS GRINDER
GLASS-NOVELTY MAKER
GLASS TINTER
colored-liquid-plastic applier
GLASS-WOOL-BLANKET-MACHINE FEEDER
GLAZIER, STAINED GLASS
glazier artist
HOT-WIRE GLASS-TUBE CUTTER
JOINER
art-glass setter
leaded-glass man
stained-glass man
KILNMAN
annealer
firer
LUSTER APPLICATOR
MOSAIC WORKER
NOTCH GRINDER
notcher
PATTERNMAKER
SANDBLASTER, GLASS
STEEL-WHEEL ENGRAVER
STENCIL CUTTER
STONE-WHEEL ENGRAVER
VACUUM-BOTTLE ASSEMBLER

WATCH-CRYSTAL EDGE GRINDER
edge grinder, machine
WATCH-CRYSTAL MAN
WAXER
glass-etcher helper

glove & mit.—GLOVE AND MITTEN INDUSTRY: This industry covers occupations concerned with the production of cloth, cloth-and-leather, leather, or coated-fabric gloves and mittens for dress, work, sport, or novelty wear. The manufacture of knitted gloves is included in the KNIT GOODS INDUSTRY (knit goods).

ASSEMBLER
assorter
bundle tier
feeder
fitter, factory
folder
garment bundler
matcher
piecer-up
tier
BAND-AND-CUFF CUTTER
rotary cutter
BRUSHER
glove brusher
napper, hand
CLOSER
joiner
CUFF CUTTER
knit-wrist cutter
CUFF SLITTER
CUTTER
CUTTER HELPER
EDGER
EXAMINER
inspector trimmer
FINGERER
finger welter
FOURCHETTE SEWER
GLOVE CUTTER
GLOVE FORMER
glove finisher
glove-lay-out man
glove presser
glove turner and former
ironer
layer-off
GLOVE PAIRER
gauntlet pairer
pairer
GLOVE-PARTS CUTTER
GLOVE-PARTS INSPECTOR
leather-piece inspector
GLOVE PRINTER
GLOVE SEWER
GLOVE SEWER, HAND
GLOVE TAGGER
tagger
GLOVE TURNER
glove turner and former
GLOVE TURNER AND FORMER, AUTOMATIC
turner and former, automatic
KNUCKLE-STRAP SEWER
leather backer
LEATHER CUTTER
glove cutter
LEATHER GRADER
grader and shader
leather sorter
LINER
MITTEN STITCHER
PALM-AND-BACK FORGER
back-and-palm forger
PLAIN SEWER
PULLER-THROUGH
QUILTING-MACHINE OPERATOR
stitcher
SILKER
STRAPPER
THUMB-LINING SEWER
THUMB SEWER
thumber
thumb inserter
TIPPER
TIP SEWER
WRIST CLOSER
cuff closer
WRISTER
bander
cuffer
wrist attacher
WRIST HEMMER
WRIST LINER

glue—GLUE AND GELATIN INDUSTRY: Covered by this designation are occupations concerned with making animal or vegetable glue (dry or liquid); gelatin (edible and inedible); glue jelly derived from hides or skins, fleshings, and bones of animals and fish; and casein glue made from milk. Adhesives made from synthetic resins and plastics are included in the PLASTICS MATERIALS INDUSTRY (plastics mat.). Production of rubber cement is covered by the RUBBER GOODS INDUSTRY (rubber goods).

ANIMAL SKINNER
skinner
BONE-COOKING OPERATOR
BONE CRUSHER
glue-bone crusher
BONE-DRIER OPERATOR
bone drier
dry-box operator
glue-bone drier
BONE PICKER
CENTRIFUGE-SEPARATOR OPERATOR
CHOPPERMAN
shredder operator
COOK
extractor
hide-cooking operator
DRIER OPERATOR
glue-drier operator
pearl-glue-drier man
DRIER-OPERATOR HELPER
laborer, glue drying
EVAPORATOR OPERATOR
concentrator man
evaporator man
vacuum-pan operator
EXTRACTOR LOADER AND UNLOADER
EXTRACTOR OPERATOR
FILTERMAN
head filterman
FILTER WASHER AND PRESSER
filterman
filter-pulp washer
FOREMAN, COOK HOUSE
FOREMAN, DRY-PASTE
FOREMAN, GELATIN PLANT
FOREMAN, GLUE SPECIALTY
FOREMAN, SHIPPING
packing-room foreman
FOREMAN, VAT HOUSE
FRAME FEEDER
machine man
FRAME STRIPPER
stripper
GELATIN BLENDER
GELATIN-UTILITY MAN
GLUE BLENDER
GLUE COOKER, DRY CONVERTED
GLUE COOKER, VEGETABLE
GLUE MAKER, BONE
tanker man
tankman
GLUE-MILL OPERATOR
paste-mill operator
HORSE SKINNER
ION-EXCHANGE OPERATOR
KETTLE OPERATOR, ADHESIVE
LABORER, COOK HOUSE
LABORER, VAT HOUSE
LIMER
dehairer
hair remover
hide limer
hide or skin lime-handler
limeman
lime puller
LIMER—Continued
lime reeler
limes handler
lime slaker
lime-solution man
lime-solution pumper
lime-vat floorman
lime-vat hauler
lime-vats air-plunger
lime-vats puller
lime-vat tender
lime-wheel man
liming-solution maker
PEARL-GLUE OPERATOR
PRESSURE-TANK OPERATOR
RESIN-KETTLE OPERATOR
ROLL TENDER
ROLL-TENDER HELPER
SCALE OPERATOR
SEPARATOR OPERATOR
SPREADING-MACHINE OPERATOR
fanman and machine operator
VATMAN
WASH-MILL OPERATOR
acid man

gold leaf & foil—GOLD LEAF AND FOIL INDUSTRY: This industry includes occupations concerned with beating gold or silver into thin sheets for use in sign painting, decorating, bookbinding, etc.

FOREMAN
GOLDBEATER
GOLD CUTTER

gov. ser.—GOVERNMENTAL SERVICES: This designation covers occupations in local, State, and Federal Government activities that are usually confined to government and are not covered by other designations. Typical of the activities included are police and fire protection, judicial services, food and drug inspection, street maintenance, and tax collection. Excluded are such occupations as those occurring in municipal transit operation, primary construction of highways and related structures, public education services, and public utilities services. Specific occupations found in the military services are classified according to the industrial designation of their appropriate civilian equivalent. Certain administrative specializations and technical occupations occurring in government as well as other industries are found in PROFESSIONAL AND KINDRED OCCUPATIONS (profess. & kin.).

ACCIDENT-PREVENTION-SQUAD PATROLMAN
crash-squad patrolman
ADJUDICATOR
ADMEASURER
ADMINISTRATIVE OFFICER, STATE BOARD OF NURSING
executive secretary, board of nurse examiners
executive secretary, State board of nursing
AERIAL-PHOTOGRAPH INTERPRETER
AGRICULTURAL-COMMODITY GRADER
horticultural inspector
AIRCRAFT-ARMAMENT MECHANIC
aircraft armorer
AIRMAN
AIRPLANE PILOT-CONSERVATION OFFICER
AIR-TRAFFIC-CONTROL SPECIALIST, CENTER
AIR-TRAFFIC-CONTROL SPECIALIST, STATION
AIR-TRAFFIC-CONTROL SPECIALIST, TOWER
airport-control operator
AIR-TRAFFIC-CONTROL SPECIALIST, TOWER—Continued
control-tower-radio operator
flight-control-tower operator
AIR-TRAFFIC COODRINATOR
ALARM OPERATOR
fire-alarm dispatcher
AMBULANCE DRIVER
APIARY INSPECTOR
bee inspector
APPEALS REFEREE, UNEMPLOYMENT INSURANCE
APPEALS REVIEWER
APPLE-MAGGOT-CONTROL INSPECTOR
APPRENTICE-TRAINING REPRESENTATIVE, FIELD
area representative
ARMORER
ASSESSOR
deputy assessor
ASSESSOR, BUILDINGS
ASSESSOR-COLLECTOR, IRRIGATION TAX
ASSESSOR, LAND
ASSESSOR, PERSONAL PROPERTY
ASSESSOR, TIMBER
AUDITOR, COUNTY OR CITY
AUTOMOBILE TESTER
motor-vehicle inspector
safety inspector
vehicle-safety inspector
BAGGAGE INSPECTOR
BAILIFF
court officer
court sergeant
BALLISTICS EXPERT
ballistician
ballistic man
ballistic officer
firearms expert
firearms identification specialist
firearms man
firearms officer
BANK-NOTE DESIGNER
BATTALION CHIEF
BOARDING INSPECTOR
BOMB-DISPOSAL MAN
BOMBSIGHT SPECIALIST
BORDER PATROLMAN
BRAND INSPECTOR
BRAND RECORDER
BUDGET OFFICER
BUILDING INSPECTOR
BUSINESS-ENTERPRISE SPECIALIST
area specialist
CALL CLERK
CAMP-GROUND CARETAKER
CAPTAIN, FIRE-PREVENTION BUREAU
CENSOR
CENSUS CLERK
CENSUS ENUMERATOR
CHIEF, BOATING DIVISION
CHIEF CONTROLLER
air-traffic-control supervisor
CHIEF CONTROLLER, CENTER
CHIEF CONTROLLER, STATION
CHIEF CONTROLLER, TOWER
CHIEF EXAMINER
CHIEF, FISHERY DIVISION
CHIEF-LAND EXAMINER
CHIEF PROCTOR
CHIEF WARDEN
CHILD-CARE ATTENDANT
attendant, children's institution
house parent
special school counselor
CITY AUDITOR
CIVIL DEFENSE AREA COORDINATOR
CIVIL DEFENSE COMMUNICATIONS ANALYST
CIVIL DEFENSE OFFICER
CIVIL DEFENSE OPERATIONS OFFICER
CIVIL DEFENSE RADIOLOGICAL OFFICER
CIVIL DEFENSE SUPPLY SPECIALIST
CIVIL DEFENSE TRAINING OFFICER
training officer, civil defense
CIVIL-SERVICE CLERK
appointment clerk
CLAIMS DEPUTY
CLAIMS TAKER, UNEMPLOYMENT BENEFITS
benefits interviewer
contact representative
unemployment-insurance-claims taker
CLERK, ELECTORAL
poll clerk
returning officer
COAST GUARDSMAN
COMMANDING OFFICER, AUTOMOBILE SECTION
COMMANDING OFFICER, HARBOR-POLICE
COMMANDING OFFICER, HOMICIDE SQUAD
COMMANDING OFFICER, INVESTIGATION DIVISION
commanding officer, vice squad
COMMANDING OFFICER, MOTORCYCLE SQUAD
COMMANDING OFFICER, MOTOR EQUIPMENT
commanding officer, garage
commanding officer, vehicle maintenance unit
COMMANDING OFFICER, TRAFFIC DIVISION
COMMISSIONER, CONSERVATION OF RESOURCES
COMMISSIONER, IRON RANGE RESOURCES AND REHABILITATION
COMMISSIONER OF CONCILIATION
COMMISSIONER, PUBLIC WORKS
public-works commissioner
COMMUNITY-SERVICES-AND-HEALTH-EDUCATION OFFICER
CONSULTANT, EDUCATIONAL, STATE BOARD OF NURSING
director, educational board of nurse examiners
CONTRACT SPECIALIST
CORONER
medical examiner
police coroner
CORRECTION OFFICER
guard
CORRECTION OFFICER, CITY OR COUNTY JAIL
CORRECTION OFFICER, PENITENTIARY
CORRECTION OFFICER, REFORMATORY
COUNTY-AGRICULTURAL AGENT
agricultural agent
county adviser
county agent
county demonstrator
extension agent
extension-service agent
extension worker
farm adviser
farm agent
farm-bureau agent
farm demonstrator
COUNTY AUDITOR
COUNTY DIRECTOR, WELFARE
COUNTY HOME-DEMONSTRATION AGENT
home agent
home-demonstration agent
home-extension agent
COURT CLERK
judge's clerk
CRYPTANALYST
cipher expert
cryptographer
secret-code expert
CUSTOMS AGENT
customs investigator
CUSTOMS APPRAISER
CUSTOMS CLERK
CUSTOMS COLLECTOR
collector of customs

gov. ser.—continued

Customs Collector, Assistant
deputy collector
supervisory customs inspector
Customs Documentation Officer
Customs-Enforcement Officer
Customs Entry-and-Clearance Clerk
Customs Entry-and-Clearance Officer
Customs Examiner
line examiner
merchandise examiner
Customs Examining Clerk
Customs Foreign-Trade Officer
Customs Inspector
Customs Inspectress
Customs Liquidating Clerk
Customs Liquidating Officer
Customs Marine Clerk
Customs Officer
Customs Sampler
Customs Verifier
opener
verifier
Dance-Hall Inspector
Deputy Insurance Commissioner
Designer, Highways
Desk Captain
Desk Captain, Chief
Desk Lieutenant
Desk Lieutenant, Chief
Desk Officer
Desk Officer, Chief
Desk Sergeant
Desk Sergeant, Chief
Detective
plain-clothes man
Detective, Automobile Section
Detective Captain
Detective Chief
chief detective
commanding officer, detectives
detective-bureau chief
Detective Lieutenant
Detective, Precinct
Detective Sergeant
Director, Aeronautics Commission
Director, Bureau of Public Assistance
Director, Civil Defense
Director, Civil Defense Project
Director, Civil Defense Warden
Director, Classification and Treatment
assignment officer
correctional officer
Director, Commission for the Blind
Director, Council on Aging
regional coordinator for aging
Director, Field Representatives
Director, Financial Responsibility Division
Director, Industries and Maintenance
Director, Land Board
Director, Medical Facilities Section
Director of Vital Statistics
Director, Safety Council
Director, Securities and Real Estate
Director, State-Assessed Properties
Director, Tourist
Director, Utility Accounts
Discharging Inspector
Dispatcher I
Dispatcher, Radio
dispatcher
police radio dispatcher
station operator
Distribution Clerk
mail sorter
Distribution Clerk, Railway-or-Highway Post Office
District Attorney
prosecuting attorney
prosecutor
District Extension Service Agent
district chairman
district vice-chairman
extension supervisor
subject-matter specialist
Dog Catcher
dog warden
Driver's License Examiner
Educational Benefits Representative
educational advisor
Election Procedures Adviser
Electrical Inspector
Emergency-Detail Driver
Enlisted Man
serviceman
Enlisted Woman
servicewoman
Examination Proctor
Examiner, Tariff and Schedules
Extension Service Specialist
Facilities-Flight-Check Pilot
Farm Checker
reporter
surveyor, cropland
Federal Aid Coordinator
Field Representative
Fingerprint Classifier
fingerprint expert
Fingerprint Clerk I
Fingerprint Clerk II
Fire Assistant
fire-control assistant
fire deputy
Fire Captain
Fire Chief
chief engineer
Fire-Control Aid
Fire-Control Mechanic
fire-control technician
Fire-Fighting-Equipment Specialist
Fire Inspector
Fire Lookout
lookout towerman
towerman
watchman, tower
Fire Patrolman
Fiscal Clerk
Fish-and-Game Warden
conservation officer
game-and-fish protector
game warden
guard, range
Fish-and-Game Warden, Marine Patrol
Fish Protector
Flight-Operations Inspector
Food-and-Drug Inspector
drug-and-food inspector
Foreign-Service Officer
diplomat
Foreman, Carriers
Foreman, Mails
post office supervisor
Forester Aid
Forest-Fire Fighter
fire crewman
smoke eater
Fruit-and-Vegetable Inspector, Fresh
Furniture-and-Bedding Inspector
Gager
Game Protector
Gamewell Operator
Gasoline Inspector
General Services Officer
Geodetic Computer
computer
topographic computer
Grain Inspector
Guard, Deputy
Guard, Immigration
Handwriting Expert
handwriting man
Harbor Master
port warden
Harbor-Police Captain
Harbor-Police Lieutenant
Health Officer, County
Health Officer, Field
epidemiological investigator
investigator, medical
v.d. investigator
Hearing Inspector
Highway-Administrative Engineer
director, traffic-and-planning
Highway-Maintenance Man
highway patrolman
Homicide-Squad Captain
Homicide-Squad Lieutenant
Homicide-Squad Patrolman
Homicide-Squad Sergeant
Housing-Management Officer
Humane Officer
Identification Officer
Immigration Inspector
Immigration Patrol Inspector
Industrial Planning Administrator
Industrial Property Officer
Industrial-Relations Counselor
Industrial-Waste Inspector
Information Specialist, Visual
Inspector, Aircraft Launching-and-Arresting Systems
Inspector, Cosmetics
Inspector, Dairy Products
Inspector, Drugs
Inspector, Eggs
Inspector, Fish
Inspector, Fruit and Vegetable
Inspector, Guided Missiles Electronic Systems
Inspector, Meat
Inspector, Mica
Inspector, Nursing Homes and Hospitals
hospital inspector
Inspector, Pawnshop Detail
Inspector, Peanuts
Inspector, Precinct
Inspector, Processed Foods
Inspector, Sweet Potato
Inspector, Water Wells
Inspector, Weights-and-Measures
sealer
Insurance Examiner
examiner
Intelligence Specialist
Interviewer and Claims Adjuster
claims representative
Interviewer, Housing Project
Interviewer, Initial Claims
Investigation Division Captain
Investigation Division Lieutenant
Investigation Division Sergeant
Investigator
compliance investigator
Investigator, Claims
Investigator, Internal Revenue
Investigator, Narcotics
narcotics investigator
Investigator, Sales Tax
Investigator, Welfare
Jailer
jail keeper
turnkey
Judge
justice
Jumpmaster
Juvenile-Court Judge
Land-Use Technician
Leaf-Sucker Operator
Liability Evaluator
License Clerk
interviewer
License Inspector
Lieutenant, Ballistics
Lighthouse Keeper
Line Interviewer
Loan-Approval Agent
Logistics Officer
Magistrate
justice of the peace
police judge
police justice
police magistrate
Mail Carrier
letter carrier
mailman
postman
Mail Censor
Mail-Distribution-Scheme Examiner
Mail-Processing-Equipment Mechanic
Manager, City
manager, county
manager, town
Manager, Housing Authority
Manager, Rent-Control Office
rent-control inspector
rent-control investigator
Manpower Research and Planning Director
Marine I
Marine II
Material-and-Equipment Classifier
Matron II
correction matron
supervisor, education and custody
Matron, Head
correction matron, sergeant
Medical Officer
Meter Maid
Milk Sampler
assistant-milk sanitarian
sampler
Mine Inspector, State
Mobile Support Area Commander
Mortician Investigator
Mosquito Sprayer
hand-spray operator
Motorcycle Patrolman
Motorcycle-Squad Captain
Motorcycle-Squad Lieutenant
Motorcycle-Squad Sergeant
Motor-Equipment Captain
Motor-Equipment Lieutenant
Motor-Equipment Sergeant
Motor Transportation Inspector
field agent
inspector, public transport
Mounted Policeman
Municipal-Services Foreman
Munitions Worker
Night-Court Magistrate
Notary Public
Nuclear Weapons Mechanical Specialist
Nursery Inspector
Nutritionist, Public Health
Operations Inspector
aviation-safety officer
maintenance inspector
Ordnanceman
Organization and Methods Examiner
Paint-Crew Foreman
Parcel-Post Carrier
Park Caretaker
caretaker
Park Foreman
Parking Enforcement Officer
Parking-Meter Collector
Parking-Meter Serviceman
equipment-maintenance helper
Park Naturalist
Park Ranger
ranger
Park Superintendent
supervisory park ranger
Park Worker
park cleaner
Patent Clerk
Patent Examiner
Patrol Conductor
rear-end man
wagonman
wagon patrolman
Patrol Driver
Patrolman
private
Photographer, Identification Bureau
police photographer
Pilot, Highway Patrol
Planimeter Operator
Plant-Quarantine Inspector
inspector, agricultural products in transit
Plumbing Inspector
Police-Academy Instructor
drillmaster
Police Captain, Precinct
captain
commanding officer, precinct
district captain
precinct captain
uniform-force captain
Police Chief
police inspector, chief
superintendent, police
Police Chief, Deputy
Police Commissioner I
Police Commissioner II
Police Inspector I
division commander
police captain, senior
Police Inspector II
Police Lieutenant, Precinct I
district lieutenant
field lieutenant
precinct lieutenant
uniform-force lieutenant
Police Lieutenant, Precinct II
Police Sergeant, Precinct I
detail sergeant
division sergeant
patrol sergeant
sergeant
squad sergeant
Police Sergeant, Precinct II
Police Sergeant, Radio Patrol
Police Stenographer
Police Surgeon
surgeon, chief
Policewoman
matron
woman-protective officer
Policewoman, Parking
Pool-Hall Inspector
Position Classifier
personnel technician
position analyst
wage-classification-and-position specialist
Postal Inspector
Postmaster
Post-Office Clerk
mail clerk
postal clerk
Potato Inspector
Poultry Grader
agricultural commodity grader, poultry
Poultry Inspector, Lay
Precinct Doorman
Preservation Inspector, Marine Equipment
equipment processor, storage
Probate Judge
Proof-Coin Collector

PROPERTY CLERK
custodian
PROPERTY-DISPOSAL OFFICER
redistribution-and-marketing officer
surplus property disposal agent
PROPERTY MANAGER
PROPERTY - UTILIZATION OFFICER
compliance man
manager, surplus property
screener, surplus property
PUBLIC-HEALTH BACTERIOLOGIST
PUBLIC-HEALTH SERVICE OFFICER
QUALITY-ASSURANCE REPRESENTATIVE
inspector
procurement inspector
RADIO-DIVISION CAPTAIN
RADIO-INTELLIGENCE OPERATOR
RADIO PATROLMAN
RATING SPECIALIST, OCCUPATIONAL
disability claims examiner
rating officer, occupational
REAL-ESTATE UTILIZATION OFFICER
RECIPROCITY INTERVIEWER, INTERSTATE CLAIMS
REGISTRAR
entrance guard
REGISTRAR-IN-CHANCERY
REGISTRAR, VITAL STATISTICS
REGISTRATION CLERK I
REGISTRATION CLERK II
RELOCATION COMMISSIONER
RESEARCH-CONTRACTS SUPERVISOR
REVENUE AGENT
field agent
field auditor
revenue officer
REVIEWING OFFICER, DRIVER'S LICENSE
ROADS SUPERVISOR
ROOMING-HOUSE INSPECTOR
RURAL-MAIL CARRIER
SAFETY INSPECTOR
SAILOR
SANITARY INSPECTOR
sanitarian aid
SCHOOL COMMISSIONER
SCHOOL-CROSSING GUARD
school patrolwoman
SECRETARY OF POLICE
police-department secretary
SECRETARY OF STATE
SECURITY INSPECTOR
SEWER FOREMAN
SHELTER MANAGEMENT OFFICER
SHERIFF, DEPUTY
deputy sheriff
SHIPPING-POINT INSPECTOR
SHOW INSPECTOR
SMOKE CHASER
SMOKE JUMPER
SNOW-PLOW OPERATOR, TRUCK
SNOW-PLOW TRACTOR OPERATOR
SNOW-REMOVING FOREMAN
SNOW SHOVELER
snow remover
SOLDIER
SOLICITOR, CITY OR STATE
corporation counsel
SPAR
SPECIAL AGENT, FBI
SPECIAL-DELIVERY MESSENGER
SPECIAL-DISTRIBUTION CLERK
SPECIALIST-IN-CHARGE, EXTENSION SERVICE
STATE-HIGHWAY PATROLMAN
state trooper
STATE-SURPLUS-COMMODITY-AND-PROPERTY REPRESENTATIVE
STATION-HOUSE CLERK
police clerk
precinct clerk
STREET CLEANER
street sweeper
STREET-SWEEPER OPERATOR
tractor-sweeper driver
SUPERINTENDENT, HOME-FOR-AGED
SUPERINTENDENT, INCINERATION
SUPERINTENDENT, JUVENILE-CORRECTION-SCHOOL
SUPERINTENDENT, MAILS
SUPERINTENDENT, RADIO COMMUNICATIONS
commanding officer, radio division
SUPERINTENDENT, RECREATION
director, recreation
SUPERINTENDENT, RELIEF CAMP
SUPERINTENDENT, SANITATION
director, sanitation bureau
SUPERINTENDENT, SEWAGE TREATMENT
SUPERINTENDENT, TRAFFIC
SUPERVISING AIRPLANE PILOT
SUPERVISOR, ELECTRONIC MAINTENANCE
SUPERVISOR, HISTORIC SITES
SUPERVISOR, LIQUOR STORES AND AGENCIES
SUPPLY REQUIREMENTS OFFICER
SUPPRESSION-CREW LEADER
crew leader
fire-protection man
SURVIVAL-EQUIPMENT REPAIRMAN
SWEET-POTATO INSPECTOR
SWITCHBOARD OPERATOR, POLICE DISTRICT
TALLYMAN, FISH
counter, fish
TAVERN INSPECTOR
TECHNICAL COORDINATOR
TITLE CLERK
TOBACCO INSPECTOR
TOLL-BRIDGE ATTENDANT
TOLL COLLECTOR
TORPEDOMAN
TOWN CLERK
TRAFFIC CHECKER
TRAFFIC-COURT MAGISTRATE
TRAFFIC ENGINEER
TRAFFIC LIEUTENANT
TRAFFIC-MAINTENANCE OFFICER
TRAFFIC-MAINTENANCE SUPERVISOR
TRAFFIC PATROLMAN
TRAFFIC-SAFETY ADMINISTRATOR
TRAFFIC SERGEANT
TRAFFIC-SIGN ERECTION FOREMAN
TRAFFIC-SIGNAL SUPERVISOR, MAINTENANCE
TRAFFIC TECHNICIAN
TRAIL BUILDER
TRANSPORTATION SUPERVISOR
TRAVEL CLERK
UNCLAIMED PROPERTY TRUST OFFICER
UTILITY MAN
VENDING-STAND SUPERVISOR
operations supervisor
VETERINARIAN, PUBLIC HEALTH
VETERINARY LIVESTOCK-INSPECTOR
VETERINARY MEAT-INSPECTOR
VETERINARY MILK-SPECIALIST
VETERINARY POULTRY-INSPECTOR
VETERINARY VIRUS-SERUM INSPECTOR
VICE-SQUAD PATROLMAN
morals-squad patrolman
VOCATIONAL DISABILITY EXAMINER
disability examiner
WAC
WAF
WARDEN
WATERMASTER
supervisory irrigation operator
WAVE
WEED-CONTROL SUPERVISOR
seed-and-weed inspector
WEIGHER
WEIGHING-STATION OPERATOR
WELFARE AND RESOURCES ANALYST
WELFARE DIRECTOR

grain & feed mill.—GRAIN AND FEED MILLING INDUSTRY: This industry covers occupations engaged in the manufacture of flour and meal from wheat, corn, rice, and other grains; prepared feeds for animals and fowls from grain and other ingredients, such as ground oyster shells, alfalfa, and bonemeal; and cleaned and polished rice. The manufacture of cereals is included in the CEREAL PREPARATIONS INDUSTRY (cereal).

BAKER
baker, laboratory
baker, test
flour tester
BIN CLEANER
sanitation man
BOLTER
sifter operator
BOLTER HELPER I
BONE-CHAR OPERATOR
retort-feeding conveyor man
BONE-DRIER OPERATOR
bone drier
dry-box operator
glue-bone drier
BURR-MILL OPERATOR
buhr miller
BUYER, GRAIN
grain buyer
grain-elevator agent
grain-elevator man
manager, grain elevator
CAKE TESTER
CLEAN-RICE-GRADER-AND-REEL TENDER
reel tender
CLEAN-RICE MAN
CORN-CUTTER OPERATOR
CORN-HUSK BALER
CORN MILLER
CORN-SHELLER OPERATOR
CRIMPER OPERATOR
CRUSHER-MACHINE OPERATOR
CUSTOM-FEED-MILL OPERATOR
CUSTOM-FEED-MILL OPERATOR HELPER
CUT-IN MAN
DAIRY-FEED-MIXING OPERATOR
DRIER ATTENDANT
dehydrator
mill-drier man
steam drier
EXPELLER OPERATOR
FEED GRINDER
FEED MIXER
batch-mixer operator
feeder operator
FEED MIXER—Continued
mash-feed-mixer operator
mixer man
FEED-MIXER HELPER
feeder loader
hopper loader
mixer-machine feeder
mixer-man helper
FEEDER OPERATOR, AUTOMATIC
FEED-IN MAN I
FEED-RESEARCH AID
FLOORMAN
FLOUR BLENDER
blender
FLOUR-BLENDER HELPER
blender helper
bolter helper
feed-in man
flour-dumper helper
flour-mixer helper
FLOUR MIXER
mixer-and-scaler
mixer operator
FOOD MIXER
FOREMAN, FEED MILL
GENERAL SUPERINTENDENT, MILLING
milling superintendent
GRAIN DISTRIBUTOR
GRAIN-DRIER OPERATOR
GRAIN-ELEVATOR MAN
GRAIN-ELEVATOR-MOTOR STARTER
GRAIN MIXER
grain blender
transfer man
GRAIN PICKER
grader
GRAIN UNLOADER
GRAIN UNLOADER, MACHINE
GRAIN WEIGHER
scaleman
weigher
GRINDER OPERATOR
feed miller
gristmiller
meal man
GRINDER OPERATOR—Con.
mill operator
roller-mill operator
GRINDER TENDER
grinder man
meal-grinder operator
roller tender
HAMMER-MILL OPERATOR
HULLERMAN
INSPECTOR, GRAIN MILL PRODUCTS
inspector technician
LABORER, STARCH FACTORY
LABORATORY MILLER
LIMER
MAINTENANCE MECHANIC
machine repairman
MILLER FOREMAN
miller, first
miller, head
mill operator
MILL FEEDER
MILL HAND
MOISTURE TESTER
MOLASSES-FEED MIXER
MONITOR-AND-STORAGE-BIN TENDER
binman
storage-bin adjuster
OIL-EXPELLER MAN
PELLET-MILL OPERATOR
feed-and-pellet operator
POULTRY FEED FOREMAN
POULTRY-FEED-MIXER OPERATOR
PROCESSOR, GRAIN
cleaning-house man
grain cleaner
smutter
PROCESSOR HELPER
PURIFIER
RETORT MAN, GROUND BONE
RICE-DRIER OPERATOR
RICE MILLER
ROLLED-OATS-MILL OPERATOR
ROUGH-RICE GRADER
ROUGH-RICE TENDER
SACK-DEPARTMENT FOREMAN
bag-department foreman
SACK STERILIZER
sterilizing-machine tender
SELF-RISING-FLOUR MAN
SEPARATOR TENDER
SHOP CLERK, GRAIN ELEVATORS
SIEVE MAN
sieve maker
SIEVE REPAIRMAN
SUPERINTENDENT, GRAIN ELEVATOR
TESTER, FOOD PRODUCTS
UTILITY MAN

graphite—NATURAL GRAPHITE INDUSTRY: This industry includes jobs concerned with the extraction from the ore and refining of natural graphite (plumbago or black lead).

GRAPHITE PAN-DRIER TENDER
MILL FOREMAN
QUARRY FOREMAN
ROD-MILL MAN
regrind mill operator

grease & tallow—GREASE AND TALLOW INDUSTRY: This industry includes occupations concerned with rendering grease and soap stock from animal fat, bones, meat scraps, etc., and in rendering tallow from fat. Compounding lubricating greases from oils and fats is also included. Lubricating greases made in petroleum refineries are included in the PETROLEUM REFINING INDUSTRY (petrol. refin.).

ANIMAL SKINNER
skinner
COOKER LOADER
charge loader
tank charger
COOKER MAN
EXTRACTOR OPERATOR
EXTRACTOR-PLANT OPERATOR
EXTRACTOR PULLER
FOREMAN, GREASE REFINING
GREASE-AND-TALLOW PUMPMAN
GREASE-REFINER OPERATOR
HIDE HANDLER
hide man
hide selector
pelt salter
salt spreader
HIDE SALTER
HIDE SHAKER
HIDE TRIMMER
beamer
selector
HOPPER MAN
grease press helper
PRESS OPERATOR
PRESSROOM WORKER, FAT
filter-press pumpman
refiner bleacher

hairwork—HAIRWORK INDUSTRY: This industry includes occupations in the manufacture of braids, puffs, switches, wigs, and related articles made largely from human hair, and to a lesser extent from mohair or other animal hair.

CROQUIGNOLE-CURL-MACHINE OPERATOR
croquignole-machine operator
DOLL WIG MAKER
FINISHER
FIRST FRONT VENTILATOR
FOUNDATION MAKER
blocker and sewer
HACKLER, DOLL WIGS
HAIR PREPARER
hair blender
HAIR-SAMPLE MATCHER
hair blender
hair mixer
HAIR WORKER
hackler
MANNEQUIN WIG MAKER
PART MAKER
ROOTER OPERATOR
TURNER, DOLL WIGS
VENTILATOR
WEAVER
mounter
weft maker
WIG COMBER
WIG CURLER
WIG DRESSER
hair dresser
WIG MAKER

hardware—HARDWARE INDUSTRY: This industry includes occupations in the manufacture of a rather loosely defined group of metal commodities including manufacturers' and builders' hardware, such as hinges, locks, luggage and furniture hardware, and window fittings. The industry does not include all items usually regarded as hardware. The most important exclusions are: metal window sashes and doors included in STRUCTURAL AND ORNAMENTAL METALWORK (struct. & ornam. metalwork); bolts, nuts, screws, and rivets included in the NUT, BOLT, WASHER, AND RIVET INDUSTRY (nut & bolt); cutlery and tools included in the CUTLERY AND TOOLS INDUSTRY (cut. tools).

FILER, HAND
finish filer
HINGE CUTTER
LOCK ASSEMBLER
PATTERNMAKER, SAMPLE

hat & cap—HAT AND CAP INDUSTRY: This industry includes occupations concerned with the conversion of materials, such as textiles, fur, straw braid, paper, and leather, into men's and women's felt, fabric, straw, and leather hats, silk hats, helmets, and caps. Occupations concerned with the production of hatter's fur for making fur-felt hats are included in this industry.

ADJUSTABLE-CAP-SWEATBAND INSERTER
"A" MACHINE OPERATOR
ASSEMBLER I
auxiliary woman
bundler
floor girl
preparer
sorter
stock girl
table worker
trim preparer
BANDANA HEMMER
BAND CUTTER
BAND-LINING BANDER
BAND TACKER
BEAD-MACHINE OPERATOR
burring-machine operator
sweatband drummer
BEVELING-MACHINE OPERATOR
skiver-machine operator
BINDING CUTTER
BLOCKER, HAND I
blocker, heated metal-forms
felt puller
hat blocker
roper
BLOCKER, HAND II
cap blocker
hat-blocking operator
hot blocker
molder
reshaper
straw-hat-blocking operator
stretcher
BLOCKING-MACHINE OPERATOR, SECOND
"B" MACHINE OPERATOR
BOW TACKER
BREAKER-UP-MACHINE OPERATOR
breaker-up
BRIM-AND-CROWN PRESSER
brim buster
brim setter
crown ironer
ironer
plater
BRIM BUFFER
BRIM CURLER
BRIM CUTTER II
BRIM-GREASER OPERATOR
BRIM IRONER, HAND
blocker
brim buster
brim-circling operator
brim-ironing operator
BRIM IRONER, HAND—Con.
brim plater
brim-plating boy
brim setter
curler
bat-brim curler, hand
ironer
plater
shackler
BRIM-POUNCING-MACHINE OPERATOR
brim pouncer
fast-brim pouncer
BRIM PRESSER I
brim buster
brimmer
brim plater
brim-plating boy
plater
BRIM PRESSER II
BRIM RAISER
steam finisher
straw-hat-brim-raiser operator
straw-hat finishing operator
BRIM-ROUNDING-AND-TRIMMING INSPECTOR
BRIM SHAPER II
BRIM SLOTTER
BRIM STIFFENER
BRIM STITCHER I
BRIM STITCHER II
BRIM-STRETCHING-MACHINE OPERATOR
BRIM-WELT-SEWING-MACHINE OPERATOR
brim-hem-sewing-machine operator
brim-welt-machine operator
machine welter
welt sewer
BRUSHER, MACHINE
brushing-machine operator
BUCKLE-ATTACHING-MACHINE OPERATOR
BUCKRAM CUTTER
BUFFER
buffer-machine operator
buffing-lathe operator
buffing-machine operator
lathe operator
pouncer
pouncer, machine
pouncing-machine operator
sander
BURLAP-SIZE-BAND SEWER
BUTTON-ATTACHING-MACHINE OPERATOR
button bradder
button clamper
button riveter
button tacker
patent-button-machine operator, automatic
tacking girl
top-bottom-attaching-machine operator
CAP CUTTER
CAP DESIGNER
CAP MAKER
cap-machine operator
cap operator
CAP-PARTS CUTTER
CAP SIZER
size-band sewer
sizer operator
CAP-VISOR CUTTER
CARROTER
brusher, hand
CARROTING-MACHINE OPERATOR
CHIN-STRAP CUTTER
CHIN-STRAP MAKER
CHIN-STRAP SEWER
COLORING-MACHINE OPERATOR
colorman, machine
color-room helper
dyer helper
dye-wheel attendant
laborer, dye-house
COLORMAN
color foreman
color former
color mixer
dye foreman
dye man
dyer
dyer, head
CONICAL MIXER
CROWN BUFFER
CROWN FINISHER
CROWN-GREASER OPERATOR
CROWN POUNCER, HAND
felt-hat-pouncing operator, hand
hand pouncer
pouncer
CROWN PRESSER
CROWN SHAPER
CYLINDRICAL MIXER
DECORATION MAKER
flower maker
ornament maker
trimming maker
DECORATOR
copyist
finisher, hand
hat trimmer
trimmer, hand
trimming milliner
women's hat trimmer
DRESS-CAP MAKER
DRUMMER
softener
DRYING-OVEN ATTENDANT
skin-drying-room attendant
DUSTER
DYER II
DYER HELPER I
EAR-FLAP-ATTACHER OPERATOR
EAR-FLAP BINDER
EAR-FLAP SEWER
EAR-MUFF ASSEMBLER
EIGHT-SECTION BLOWER
ENDBAND CUTTER, HAND
endbander
endband sizer
sizing end-bander
FELT-FINISHING FOREMAN
FELT-HAT ASSEMBLER
FELT-HAT-BODY STARTER
FELT-HAT-BRIM-IRONING OPERATOR
FELT-HAT CUTTER
FELT-HAT-FLANGING OPERATOR
FELT-HAT INSPECTOR AND PACKER
FELT-HAT-MELLOWING-MACHINE OPERATOR
FLANGER
brim flanger
brim shaper
flanging operator
hat-brim curler
FLAP-LINING BINDER
FLOORLADY, MILLINERY
distributor
floor supervisor
FLOWER GIRL
FOLDING-MACHINE OPERATOR
pugg maker
tube roller
turning-machine operator
FOREMAN, BACK SHOP
FOREMAN, BODY DEPARTMENT
FOREMAN, BRAID DEPARTMENT
FOREMAN, CAP-AND-HAT PRODUCTION
FOREMAN, FINISHING DEPARTMENT
FOREMAN, HARVEST-HAT DEPARTMENT
FOREMAN, SEWING DEPARTMENT
FOUNDATION GIRL
steamer-blocker
FOUNDATION MAKER
FRAMER
body-maker helper
pegger
FUR-BLOWER OPERATOR
blower
fur blower
fur-blowing-machine attendant
fur-blowing-machine operator
fur mixer
FUR-CUTTING-MACHINE OPERATOR
clipper
chopper
cutter
fur-trimming machine operator
pelt shearer
shaver
shearer
FUR-MACHINE OPERATOR
fur joiner
fur operator
fur sewer
FUR SORTER
mounter
GREASER OPERATOR
greaser
waxer
HALF-SECTION IRONER
HARDENER I
hand hardener
manual hardner
HARDENING-MACHINE OPERATOR
hardener
HARVEST-HAT INSPECTOR
HAT-BLOCKING-MACHINE OPERATOR I
blocking-machine operator
block operator
hat blocker
stamper blocker
steam blocker
HAT-BLOCKING-MACHINE OPERATOR I—Continued
tipper
western-felt-hat blocker
wet blocker
wet-crown-blocking operator
HAT-BLOCKING-MACHINE OPERATOR II
hat blocker
HAT-BODY INSPECTOR
HAT-BODY SORTER
weight-outer
HAT BRAIDER
HAT BRUSHER, MACHINE
HAT BUFFER, AUTOMATIC
HAT-CONE INSPECTOR
HAT DESIGNER
stylist
HAT-DESIGNER HELPER
HAT FINISHER
body finisher
HAT-FORMING-MACHINE FEEDER
cone-machine feeder
feeder
fur feeder
fur weigher
HAT-FORMING-MACHINE OPERATOR
cone former
coner
forming-machine operator
HAT LACER
HAT-LINING BLOCKER
HAT-LINING CUTTER
HAT MAKER
assembler
pinner
HAT MARKER
HAT-SHAPE CUTTER
HAT SPRAYER
HAT-STOCK-LAMINATING-MACHINE OPERATOR
combiner
hat-brim-and-crown-laminating operator
ironer
presser
HATTER
HAT-TRIM-MATERIAL CUTTER
HELMET BINDER
HELMET-BRIM COVERER
HELMET COVERER
cloth-covered-helmet puller
cloth coverer
crimping machine operator
HELMET-CROWN COVERER
HELMET-HAT-BRIM CUTTER
HELMET-HAT PUNCHER
HELMET-HAT-SWEATBAND PUNCHER
HYDRAULIC BLOCKER
hydraulicker
hydraulic man
hydraulic operator
hydraulic presser
hydraulic-press man
hydraulic-press operator
plugger
presser
HYDRAULIC-BRIM-FLANGING-MACHINE OPERATOR
HYDRAULIC-PRESS OPERATOR, FIRST PRESSING
INSPECTOR
brusher
hat measurer
passer
racker
INSPECTOR—Continued
repairer
selector
trimmer
JIGGER-BRIM-POUNCING-MACHINE OPERATOR
JIGGER-CROWN-POUNCING-MACHINE OPERATOR
crown-finishing-machine operator
crown jigger, machine
crown pouncer
crown pouncer, machine
crown-pouncer, operator
jigger-crown pouncer
pouncer
pouncer, machine
pouncing-machine operator
rough-crown pouncer, machine
LABEL SEWER
LACE-NET-LINING OPERATOR
LACQUER SIZER
LADIES'-HAT TRIMMER
LEATHER FITTER
LEATHER FLANGER
LINING ATTACHER I
LINING ATTACHER II
cementer
liner
lining sewer
paster
tipper operator
LINING MAKER
LURER
felt finisher
hat shiner, band
slicker
slicking operator, band
wiper
MELLOWING-MACHINE OPERATOR
brim flexer
MENDER
MEN'S-HAT DESIGNER
MEN'S-HAT FINISHER
MILLINERY DESIGNER
MIXER
blender
deviler
devil operator
devil tender
fur-mixer operator
mixer operator
mixing-machine operator
MOLDER I
brim molder
stamper
NONADJUSTABLE-CAP-SWEATBAND INSERTER
NOVELTY-HAT LACER
OPENER I
OPENER II
OPERA-HAT BINDER
OPERA-HAT-BRIM COVERER
OPERA-HAT-BRIM CURLER
OPERA-HAT TIPPER
PACKER
PAINT INSPECTOR
PANAMA-HAT BLOCKER
PANAMA-HAT FLANGER
PANAMA-HAT-HYDRAULIC-PRESS OPERATOR
PANAMA-HAT SMEARER
PAPER-HAT-BRIM-WELT OPERATOR
PASTER I
brush paster
japan paster
PASTER II

PATTERNMAKER
caster
mold maker
plaster whittler
whittling room man
whittling room operator
PERFORATING-MACHINE-OPERATOR
clicker-machine operator
crown-perforator operator
eyelet cutter
perforator
perforator operator
puncher operator
punching-machine operator
punch operator
sweatband operator
PLASTIC-SIZE-BAND SEWER
POUNCING-LATHE OPERATOR
crown pouncer
end-lathe operator
pouncer
pouncer- machine
pouncing-machine operator
turn-machine operator
POWDERER
PREPARER II
PRESSER, FIRST
PRESSER, SECOND
PRESSROOM INSPECTOR
QUARTER-SECTION IRONER
RAW-SKIN INSPECTOR
REEDING-MACHINE OPERATOR
leather reeder
reeder
reeding operator
sweatband reeder
sweat reeder
wire-machine operator
RETOUCHING OPERATOR
RIBBON-SWEATBAND OPERATOR
ROLLER OPERATOR
ROUNDER, HAND
brim cutter
brim-cutting operator
brim rounder
clean-cut-brim operator
clear-cut-brim operator
die cutter
hand trimmer
rounding boy
ROUNDING-MACHINE OPERATOR
ROUNDING-MACHINE OPERATOR (hat & cap; tex. prod., n.e.c.)
brim cutter
cutting-machine operator
flange cutter
round-cutter operator
rounder
SATIN CUTTER
SCREEN-VENT ATTACHER
SCREEN-VENT BINDER
SEAM PRESSER
ironer
pressing-machine operator
seam-pressing-machine operator
SET-OFF GIRL
SET-OFF-PRESS OPERATOR
SEWING-MACHINE OPERATOR
sewer, hat parts
SHAKER
SHIRRING-MACHINE OPERATOR
shirrer
SHRINKING-MACHINE OPERATOR
"a" stumper
"b" sizer
bumper-machine operator
sizer, second
starter
SILK-LINING CUTTER, MACHINE
SILK-TOP-HAT-LINING MAKER
silk-hat liner
SINGER
SINGLE-BEAM CLICKER
SIX-SECTION BLOWER
SIZE CHECKER
SIZE MARKER
SIZER, HAND
hand sizer
sizer
SIZER, MACHINE
multi-roll feeder
regular sizer
stumper
stumping-machine operator
wetter-down
SLICKING-LATHE OPERATOR
SMOKE-ROOM OPERATOR
SOFT-HAT BINDER
SPREADER
stretcher and drier
STEAMER
STICKER
sticker-on
STIFFENER
dipper
machine sizer
sizing brusher
sizing sponger
sizer
smearer
spray-gun sizer
STIFF-STRAW-HAT FINISHER
straw-hat-ironing operator
STITCHER, SWEATBAND
STRAW-BRAID SORTER
STRAW-HAT BLOCKER
STRAW-HAT-BRIM-CUTTER OPERATOR
STRAW-HAT BRUSHER
STRAW-HAT-HYDRAULIC-PRESS OPERATOR
STRAW-HAT-INSPECTOR
STRAW-HAT-LACE-NET-LINING OPERATOR
STRAW-HAT-MACHINE OPERATOR
braid-machine operator
braid sewer
lap-straw-machine operator
straw worker
STRAW-HAT PLUNGER OPERATOR
straw-hat presser
STRAW-HAT PRESSER, MACHINE
jack-press operator
pressing-machine operator
stamper operator
stamping-machine operator
STRAW-HAT SIZER
STRAW-HAT TRIMMER
STRAW-HAT-WASHER OPERATOR
stiff-straw-hat washer
STRAW-HAT WELTER
STRETCHER I
raw-skin stretcher
stretching-machine operator
SWEATBAND ASSEMBLER
SWEATBAND CUTTER
SWEATBAND-CUTTING-MACHINE OPERATOR
SWEATBAND-DECORATING-MACHINE OPERATOR
marking-press operator
sweatband embosser
SWEATBAND FITTER
SWEATBAND FLANGER
flanging-machine operator
SWEATBAND INSPECTOR
SWEATBAND-MACHINE OPERATOR
SWEATBAND MAKER
SWEATBAND SEPARATOR
size cutter
wired sweatband cutter
SWEAT-PATCH SEWER
TIP MAKER
TIP PASTER
TIP PRINTER
lining printer
printer
TIP STRETCHER
tipper
tipping-machine operator
TOP-HAT-BODY MAKER
silk-top-hat body maker
TOP-HAT-LINING MAKER
silk-hat liner
TOP STITCHER
TRIMMER I
cap finisher, hand
finishing operator
floor trimmer
TRIMMING-DEPARTMENT BLOCKER
TRIMMING INSPECTOR
TUCKING-MACHINE OPERATOR
corder
cording-machine operator
graduate tucker
pleater
ruching-machine operator
TWIN-BEAM CLICKER
UNIFORM-CAP OPERATOR
UNIFORM-CAP REPAIRER
VARNISHER
VISOR MAKER
VISOR SEWER
WEIGHER
cone trimmer
peeler
table girl
WELT TRIMMER
WELT-TRIMMING-MACHINE OPERATOR
brim-edge-trimmer
welt cutter
WESTERN-HAT LACER
WHIZZER
extractor
whizzer operator
WIRE INSERTER
WIRE-MACHINE OPERATOR II
wire binder
wiring-and-taping girl
WIRE-SHAPE MAKER
WOOL-HAT BLOCKER
WOOL-HAT FINISHER
WOOL-HAT FLANGER
WOOL-HAT HYDRAULICKER
WOVEN-PAPER-HAT GRADER
WOVEN-PAPER-HAT-HEMMING-TRIMMER OPERATOR
WOVEN-PAPER-HAT-HYDRAULIC-PRESS OPERATOR FINISHER
WOVEN-PAPER-HAT INSPECTOR
WOVEN-PAPER-HAT MENDER

heat treat.—HEAT TREATING: This designation covers all occupations, wherever they occur, that are concerned with heat treating metals in the solid state to remove strains and stresses; alter hardness, tensile strength, ductility, grain structure, and electrical and magnetic properties; and improve machineability, cutting properties, and wear resistant characteristics. Such occupations involve heating and quenching (cooling) the metal to alter its physical and chemical properties, during which temperatures, time cycles, and surrounding media are essential factors. The various heat treating processes include: annealing, baking (heating to remove gases absorbed during pickling), carburizing, cyaniding, hardening, nitriding, normalizing, patenting, siliconizing, spheroidizing, and tempering. Excluded from this designation are those occupations concerned with smelting ores, refining metals, or merely heating metals to working temperatures (for rolling, extrusion, and like operations) in forges, foundries, steel mills, and other plants.

ANNEALER
furnaceman
normalizer
BRINELL HARDNESS-TESTER
CASE HARDENER
carbonizer
carburizer
CONTINUOUS-ANNEALING-FURNACE OPERATOR
CYANIDE-FURNACE OPERATOR
DIE-CASE HARDENER
FLAME-ANNEALING-MACHINE OPERATOR
FLAME-ANNEALING-MACHINE SET-UP MAN
FLAME-HARDENING-MACHINE OPERATOR
gas-anneal feeder
FLAME-HARDENING-MACHINE SET-UP MAN
GEAR HARDENER
HARDENER
HARDNESS INSPECTOR
HEAT TREATER I
HEAT TREATER II
HEAT-TREATER APPRENTICE
HEAT-TREATER HELPER
bluing-oven man
draw-furnace man
furnace feeder
furnace loader
HEAT-TREATER HELPER—Continued
heat-treat puller
tempering-kiln tender
HEAT-TREAT FOREMAN
foreman, hardening
foreman, heat treating
heat treater, head
HEAT-TREATING BLUER
dulite-machine bluer
HEAT-TREAT INSPECTOR
INDUCTION-MACHINE OPERATOR
electronic induction hardener
INDUCTION-MACHINE SET-UP MAN
set-up man
ROCKWELL - HARDNESS TESTER
SCLEROSCOPE - HARDNESS TESTER
TEMPERER

hosiery—HOSIERY INDUSTRY: This industry covers occupations in knitting, dyeing, and finishing knit stockings, including full-fashioned hose, men's socks of cotton, silk, wool, or other materials, seamless hose, and sport stockings.

BAGGER
dye-lot clerk
grey-stock bagger
BEAT-OUT BOY
boarder helper
hose beater
top beater
top whipper
yanker
BOARDER FINISHER
BOARDER STARTER
BOARDING-MACHINE OPERATOR
boarder
boarder, machine
BOBBIN BOY
BOBBIN WINDER, HAND
BOBBIN WINDER, MACHINE
CARDBOARD INSERTER
CLIPPER, MACHINE
automatic clipper and stripper
clipper, automatic
CLOCK-MACHINE OPERATOR
clocker
clocking-machine operator
clock tender
CLOCK TRIMMER
COLOR MATCHER
dyer assistant
CONE CLEANER
CUFF SEPARATOR
CUFF TURNER I
cuffer
cuff folder
top turner
CUFF TURNER II
DARNING-MACHINE OPERATOR
DRIER
drying-machine tender
DYEING-MACHINE OPERATOR
dye-tub man
kettleman, dye
tubman
tub operator
tub tender
tumbler - dyeing - machine operator
DYE-TUB OPERATOR
drum-dyeing-machine operator
dyer
tumbler - dyeing - machine operator
EMBLEM - FUSER OPERATOR
fusing-machine operator
EMBROIDERER, HAND
decorator, hand
hand embroiderer
FINISH MENDER
FIXER, BOARDING ROOM
FLOORLADY
FOREMAN
FOREMAN, BOARDING
FOREMAN, KNITTING
FOREMAN, LOOPING
FOREMAN, MENDING
FOREMAN, PAIRING AND INSPECTING
FOREMAN, SEAMING
FOREMAN, TRANSFERRING AND BOXING
FULL-FASHIONED-HOSE EMBROIDERER
GREY MENDER
GREY-STOCK RECORDER
HOSE COLLECTOR
HOSE TURNER
HOSIERY LOOPER
HOSIERY MENDER
darner
hosiery repairer
mender, hand
mender, machine
KNITTING INSPECTOR
KNITTING-MACHINE FIXER
KNITTING-MACHINE FIXER, HEAD
fixer foreman
KNITTING-MACHINE OPERATOR, FULL-FASHIONED HOSIERY
KNITTING-MACHINE OPERATOR, FULL-FASHIONED HOSIERY, AUTOMATIC
LOOPER
LOOPER FIXER
LOOPING INSPECTOR
LOOSE-END FINDER, BOBBIN
finder
NAPPER TENDER
fleecer
NEEDLE STRAIGHTENER
straightener
PADDLE-DYEING-MACHINE OPERATOR
PAIRER
examiner
pairer-inspector
PAIRER, ODDS
PAIRER, SUBSTANDARD
PRE-BOARDER
PRESSING-MACHINE OPERATOR I
ironing-roll operator
pressing operator
PRESSING-MACHINE OPERATOR II
cylinder-press operator
pressing operator
QUALITY-CONTROL TESTER
REDYE HAND
redye sorter
RE-INSPECTOR
re-examiner
RETURNED-HOSE CHECKER
RIB-TRIM SEPARATOR
ROTARY-DRUM DYER
SAMPLE GIRL
SEAMER

hosiery—continued

SEAMER, ELASTIC BAND
SEAMING INSPECTOR
SEAMLESS-HOSIERY KNITTER
knitter
knitting-machine operator, automatic
knitting-machine operator, seamless hosiery
sock-knitting-machine operator
splitter
SHAKER
SINGE-MACHINE OPERATOR
gasser
singer
SIZER
length-control tester
seamless sizer
size tester
SIZING-MACHINE TENDER
SKEIN WINDER
coner
spooler
swifter
swift tender
SOCK BOARDER
boarder
boarder, hand
SOCK BOARDER—Con.
boarder, steam
boarder, tender
SOCK EXAMINER
SOCK KNITTER
STOCKING COUNTER
STOCKING INSPECTOR
grey inspector
inspector-and-clipper
STOCKING RIBBER
TACKER, ELASTIC BAND
TISSUE INSERTER
paper inserter
TOE SEWER
toe seamer
TOP PULLER
TOP SEWER
sock joiner
TOP STRETCHER
TRANSFER KNITTER
knitter
TRANSFER-MACHINE OPERATOR
TRAY DRIER
drying-machine operator
TUMBLER TENDER
YARN TESTER

hotel & rest.—HOTEL AND RESTAURANT INDUSTRY: This industry covers occupations concerned with providing and maintaining public and semipublic lodging, dining, and beverage services. Typical establishments performing these functions are commercial, residential, tourist, and club hotels; motels; apartment houses; trailer courts; tourist camps and homes; rooming houses; restaurants, cafeterias, and lunch counters; industrial, institutional, and private catering services; taverns; cocktail lounges; night clubs; tea rooms; boarding houses; and fraternity and sorority houses. Occupations concerned with entertainment of patrons in such establishments are included in AMUSEMENT AND RECREATION (amuse. & rec.).

ABOYEUR
ANALYST, FOOD AND BEVERAGE
research worker, kitchen
ATTENDANT, LODGING FACILITIES
auto-camp attendant
caretaker, resort
tourist-camp attendant
BAGGAGE PORTER
baggageman
porter, luggage
BAGGAGE PORTER, HEAD
BAKER
baker, bread
bread maker
ovenman
BAKER, BISCUIT
BAKER, HEAD
baker, bread, chief
baker chef
BAKER HELPER
BAKER, PIZZA
BAKER, SECOND
BANQUET BOY
BANQUET CAPTAIN
BANQUET CHEF
BAR ATTENDANT I
BAR BOY
bar iceman
bar porter
bar runner
bartender helper
BARMAID
BARTENDER
bar attendant
barkeeper
barman
BED-LINEN SEAMSTRESS
BELL CAPTAIN
bellman, head
BELLMAN
bellboy
bellhop
BENCHMAN
BEVERAGE CHECKER
BUS BOY
clean-up boy
dish carrier
waiter assistant
BUS BOY, DISHES
BUS BOY, ROOM SERVICE
BUS GIRL
BUTCHER, CHICKEN-AND-FISH
chicken-and-fish cleaner
poultry-and-fish butcher
BUTCHER, HEAD
BUTCHER, MEAT
butcher
meat cutter
CAFETERIA CASHIER
CAPTAIN, ROOM SERVICE
CAR HOP
drive-in waitress
CARPENTER, HOTEL
CARVER
display carver
exhibition carver
meat carver
CASHIER, FRONT OFFICE
CELLARMAN
CHAMBERMAID
CHEF
cook, chief
kitchen chef
CHEF, BROILER OR FRY
CHEF DE FROID
CHEF, FRENCH
CHEF, GERMAN
CHEF, ITALIAN
CHEF, SAUCIER
CIGARETTE GIRL
CLUB BOY
waiter, club
COFFEE GIRL
COFFEE GIRL, CAFETERIA OR RESTAURANT
COFFEE MAN
coffee maker
coffee pantryman
coffee-urn attendant
COLD-FOOD PACKER
COMBINATION GIRL
COMBINATION MAN
COOK
cook, restaurant
COOK APPRENTICE
COOK APPRENTICE, PASTRY
baker apprentice, pastry
COOK, BARBECUE
barbecue man
COOK, BREAKFAST
COOK, BROILER
COOK, CHINESE-STYLE FOOD
COOK, DESSERT
COOK, DINNER
COOK, FISH AND CHIPS
COOK, FRY
COOK, FRY, DEEP FAT
COOK, GRIDDLE
COOK, HEAD, SCHOOL CAFETERIA
head cook, school
COOK HELPER I
COOK HELPER, BROILER OR FRY
COOK HELPER, DESSERT
COOK HELPER, PASTRY
bakeshop cleaner
pastry helper
COOK HELPER, VEGETABLE
COOK, ITALIAN-STYLE FOOD
COOK, KOSHER-STYLE FOOD
COOK, MORNING
COOK, NIGHT
COOK, PASTRY II
baker, cake
baker, pastry
cake maker
pastry man or woman
pie maker
COOK, PIZZA
COOK, ROAST
COOK, ROAST PIG
COOK, SAUCE
COOK, SCHOOL CAFETERIA
COOK, SECOND
COOK, SHORT ORDER
griddle man
COOK, SOUP
COOK, SPANISH-STYLE FOOD
COOK, SPECIAL DIET
COOK, SPECIALTY
COOK, SPECIALTY, FOREIGN FOOD
COOK, VEGETABLE
COUNTER BUS-BOY
COUNTERGIRL
COUNTERGIRL, CAFETERIA
COUNTERMAN, CAFETERIA
counter attendant
dish-up man, cafeteria
server
steam-table attendant
COUNTERMAN, LUNCHROOM OR COFFEE SHOP
counterman, coffee shop or lunchroom
waiter, counter
COUNTER SUPERVISOR
COUNTER-SUPPLY MAN
COUPLE, APARTMENT HOUSE
COUPLE, HOTEL
COUPLE, LODGING FACILITIES
COUPLE, MOTEL
COUPLE, RESORT
COUPLE, TRAILER PARK
CRIB OPERATOR
CURTAIN MAN
DANCING WAITER
DINING-ROOM CASHIER
DIRECTOR, FOOD AND BEVERAGE
maitre d'hotel
DIRECTOR, RECREATION
director, social
DIRECTOR, SCHOOL LUNCH PROGRAM
director, food services
manager, school lunch program
DISHWASHER, HAND
DISHWASHER, MACHINE
DUMBWAITER OPERATOR
EXECUTIVE CHEF
chef de cuisine
chef, head
manager, food production
EXECUTIVE HOUSEKEEPER
housekeeper, administrative
housekeeper, head
FISH HOUSEKEEPER
FLOOR ATTENDANT, CAFETERIA
FLOOR CLERK
FLOOR GIRL, CAFETERIA
dining-room, girl, cafeteria
service girl, cafeteria
table girl, cafeteria
waitress, cafeteria
FLOOR HOUSEMAN
FLOOR SUPERVISOR
FOOD-AND-BEVERAGE-CONTROL CLERK
FOOD ASSEMBLER, COMMISSARY KITCHEN
food-tray assembler
FOOD CHECKER I
FOOD CHECKER II
caller
FOOD CONTROLLER
control clerk
food auditor
restaurant-food-control clerk
FOOD-SERVICE DRIVER
food-service agent
FOOD-SERVICE SUPERVISOR
dietary aid
FOOD-SERVICE WORKER
FOOD-STOREROOM MAN
FOOD TABULATOR, CAFETERIA
food checker, cafeteria
multi-counter operator
FOUNTAIN GIRL
FOUNTAIN MAN
fountain dispenser
ice-cream dispenser
soda clerk
soda dispenser
soda jerker
FRONT-ELEVATOR OPERATOR
GARBAGEMAN
GARDE MANGER
cold-meat chef
cold-meat man
cook, cold meat
GARDEN-TOOL ROOM MAN
GLASS MAN
GUEST-HISTORY CLERK
HALL CLEANER
HAMBURGER-FRY COOK
HOSTESS, COCKTAIL LOUNGE
HOSTESS, DINING ROOM
HOSTESS, HOTEL
HOSTESS, RESTAURANT OR COFFEE SHOP
waitress, head
HOST, RESTAURANT OR COFFEE SHOP
HOT-BREAD BAKER
HOTEL CASHIER, GENERAL
HOTEL CLERK
day clerk
desk clerk
front clerk
HOT-FOOD PACKER
HOUSEKEEPER
HOUSEMAN
hall boy
houseboy
house cleaner
mover
set-up man
utility man
HOUSEMAN, BANQUET
HOUSE OFFICER
house detective
security man
special officer
ICE-BOX MAN
ICE-CREAM MAN
cook, frozen dessert
cook, ice cream
freezer man
ice-cream chef
INSPECTRESS
KEY CLERK
KITCHEN CLERK
storeroom food-checker
KITCHEN HELPER
cookee
cook helper
kitchen hand
kitchen man
kitchen porter
kitchen runner
KITCHEN STEWARD
floor steward
inside steward
KITCHEN STOCK-CLERK
KITCHEN SUPERVISOR
manager, kitchen
LINEN-ROOM ATTENDANT
linen checker
linen clerk
linen-exchange attendant
linen maid
LINEN-ROOM HOUSEMAN
LIQUOR CONTROLLER
LIQUOR-STOREROOM KEEPER-AND-CHECKER
LUNCH-TRUCK DRIVER
catering-truck operator
lunch-truck operator
MANAGER, APARTMENT HOUSE I
manager, executive
manager, resident
MANAGER, APARTMENT HOUSE II
MANAGER, BANQUET
MANAGER, BAR
MANAGER, BEER PARLOR
MANAGER, BOARDING HOUSE
manager, guest house
MANAGER, CAFETERIA OR LUNCHROOM
manager, lunchroom or cafeteria
MANAGER, CATERING
MANAGER, COCKTAIL LOUNGE
MANAGER, CONVENTION
MANAGER, FLIGHT KITCHEN
steward, port
MANAGER, FOOD CONCESSION
MANAGER, FRONT OFFICE
hotel manager
manager, office
MANAGER, HOTEL I
manager, general
manager, resident
MANAGER, HOTEL II
MANAGER, INDUSTRIAL CAFETERIA
dining-service supervisor
MANAGER, LIQUOR ESTABLISHMENT
manager, club
MANAGER, LODGING FACILITIES
MANAGER, MOTEL I
MANAGER, MOTEL II
manager, executive
MANAGER, MOTOR HOTEL
MANAGER, MOTOR INN
MANAGER, NIGHT CLUB
MANAGER, PROMOTION
director, sales
manager, business promotion
manager, sales
MANAGER, RESIDENT I
manager, executive assistant
MANAGER, RESTAURANT OR COFFEE SHOP
manager, coffee shop or restaurant
MANAGER, ROOMING HOUSE
MANAGER, TAVERN
MANAGER, TOURIST CAMP
MANAGER, TRAILER PARK
MANAGER, TRAVELING
manager, general
MOTEL MAID
NIGHT AUDITOR
night-clerk auditor
NIGHT BAKER
ORDER CLERK, FOOD AND BEVERAGE
order clerk, curb service
room-service clerk
telephone operator, room service
OYSTERMAN
PACKER
PAGE
PANTRYGIRL
PANTRYMAN
salad maker
PANTRYMAN HELPER
PANTRY STEWARD
PARLOR MATRON
PASTRY CHEF
PIE MAKER I
baker, pie
cook, pastry
cook, pie
pie chef
pieman
PORTER, LOBBY
POT WASHER
PURCHASING STEWARD
commissary-and-purchasing agent
food buyer
manager, storeroom
purveyor
storeroom man, head
RAW-BAR MAN
RECEIVING-ROOM CLERK I
porter, head
RECORD CLERK
RESERVATION CLERK
RESORT COUPLE
caretaker couple
ROLLS BAKER
ROOM CLERK
ROOM-SERVICE CLERK II
delivery-room clerk
package boy
package clerk
receiving-room clerk

ROOM-SERVICE CLERK II —Continued
runner
ROUNDSMAN
RUNNER I
SALAD GIRL
SALAD GIRL, CAFETERIA
SALAD MAN
SALAD MAN, CAFETERIA
SALES-DISTRIBUTION CLERK
SALES REPRESENTATIVE
salesman, hotel service
SANDWICH GIRL
SANDWICH MAN
blockman
boardman
sandwich-counter attendant
sandwich maker
SEAMSTRESS, DRAPERY
SEAMSTRESS, LINEN ROOM
sewing-room woman
SERVICE BARTENDER
SETTING-UP BOY
SILVERMAN
SILVER WRAPPER
SINGING WAITER
SINGING WAITRESS
SOUS CHEF
chef assistant
chef, under
executive-chef assistant
supervising-chef assistant
SPECIAL OFFICER, AUTOMAT
SPECIALTY CHEF
chef, department
chef, station
STEAM-TABLE BUS-BOY
STEWARD
chief steward
executive steward
house steward
STEWARD, BANQUET
SUPERINTENDENT, SERVICE
manager, service
service supervisor
superintendent, house
SUPERVISING CHEF
SUPERVISOR, KOSHER DIETARY SERVICE
moshgiach
overseer, kosher kitchen
supervisor, kashruth
TAPMAN
TELEPHONE-ORDER CLERK, DRIVE-IN
TELEPHONE-ORDER CLERK, ROOM SERVICE
TRAVEL CLERK
transportation clerk
VACUUM MAN
WAITER, BANQUET
WAITER, BANQUET, HEAD
WAITER, BAR
waiter, cocktail lounge
WAITER, BUFFET
WAITER CAPTAIN
captain
WAITER-ENTERTAINER
WAITER, FORMAL
WAITER, HEAD
WAITER, INFORMAL
WAITER, OUTSIDE DELIVERY
WAITER, ROOM SERVICE
waiter, room
waiter, stand
WAITER, TAVERN
WAITRESS
WAITRESS, BANQUET
WAITRESS, BUFFET
WAITRESS, COCKTAIL
WAITRESS, TAKE-OUT
WATER BOY
WHEELMAN
WINE CELLARMAN
WINE CLERK
WINE STEWARD
WINE-STOREROOM MAN

house furn.—HOUSEFURNISHING GOODS INDUSTRY: This industry covers occupations in the manufacture of housefurnishing goods that are not covered by other industrial designations. Most of the housefurnishing goods included in this industry are of textile materials. Included are such items as bedspreads, curtains, draperies, pillows, quilts, and slip covers, except such goods made to order by individuals or retail establishments. The manufacture in textile mills of such housefurnishing goods as pillowcases, sheets, and towels is included in the TEXTILE INDUSTRY (textile).

BEATER
BEDSPREAD CUTTER I
electric-cutter operator
thread cutter
tuft cutter
BEDSPREAD CUTTER II
BEDSPREAD INSPECTOR
BEDSPREAD SEAMER
BUCKRAM SEWER
COMFORTER FILLER
COVER ASSEMBLER
COVER CUTTER
CURTAIN CUTTER
CURTAIN HEMMER, AUTOMATIC
CURTAIN INSPECTOR
CURTAIN RUFFLER
CUSHION CLOSER
pillow closer
CUSHION-COVER INSPECTOR
CUSHION FILLER
CUTTER I
CUTTER, BARREL DRUM
drum-reel cutter
reel slitter
CUTTING-AND-SEWING-FORELADY
CUTTING INSPECTOR
DOWN FILLER
DRAPERY CUTTER, HAND
DRAPERY CUTTER, MACHINE
DRAPERY FOREMAN
DRAPERY HEMMER, AUTOMATIC
DRAPERY INSPECTOR
DUST-MILL OPERATOR
DUST-MOP MAKER
dry-mop maker
ELASTIC SEWER
FEATHER BALER
FEATHER-CURLING-MACHINE OPERATOR
crushing-mill operator
feather-crushing-machine operator
FEATHER-CUTTING-MACHINE OPERATOR
FEATHER-DRYING-MACHINE OPERATOR
FEATHER-DUSTER WINDER
FEATHER GRADER
FEATHER MIXER
FEATHER SEPARATOR
FEATHER WASHER
tumbler-machine operator
FEEDER
feather feeder
kapok feeder
FILLER I
stuffer
FLOWER-MACHINE OPERATOR
flower cheniller
FORELADY
FOREMAN
FRINGER I
FRINGER II
FRINGE SEWER
GANG OPERATOR
side hemmer
GARNETTER
felter
felting-machine operator
GARNETT FEEDER
GARNETT FIXER
HASSOCK MAKER
HEADER
HOBNAIL-MACHINE OPERATOR
INSPECTOR
folder inspector
inspector and clipper
LAUNDRYMAN
LAY-OFF MAN
stamper
LAY-OUT-MACHINE OPERATOR
tabler
LINING SEWER
MACHINE FEEDER, RAW STOCK
binman
feeder tender
hopper feeder
hopper tender
MENDER (carpet & rug; house furn.)
patcher
MENDER
MOP-HANDLE ASSEMBLER
handle maker
MOPHEAD SEWER
MOPHEAD-TRIMMER-AND-WRAPPER
MOP MAKER I
MOP MAKER II
mop-machine operator
MOP TIER
NEEDLE-CONTROL CHENILLER
PAIRER
PANEL SEWER
PICKER FEEDER
PILLOW-AND-CUSHION DEPARTMENT FORELADY
PILLOW BAILER
PILLOW CLEANER
cushion sweeper
PIN-FEATHER-MACHINE OPERATOR
PLEATER
L-tacker
PRE-PLEATER
QUILL-BUNCHER-AND-SORTER
QUILL-PICKING-MACHINE OPERATOR
QUILTER FIXER
QUILTING-MACHINE OPERATOR (glove & mit.; house furn.; trim. & stamp. art goods; waste & batting)
stitcher
QUILTING-MACHINE OPERATOR (house furn.; matt. & bedspring)
QUILT SEWER
QUILT SEWER, HAND
QUILT STUFFER
filler
wool-batting worker
RENOVATOR-MACHINE OPERATOR
feather renovator
sterilizer
REVERSER
turner
REWIND OPERATOR
RING ATTACHER
bone ringer
RUFFLER
RUFFLING HEMMER, AUTOMATIC
SEWING-MACHINE OPERATOR
joiner
seamer
SHIRRER, HAND
SHIRRING-MACHINE OPERATOR, AUTOMATIC
ruffler
SLIP-COVER CUTTER
SLIP-COVER SEAMSTRESS
SPLITTING-MACHINE OPERATOR
STRAIGHTENER AND CUTTER
cutter
straightener
STRAP-MACHINE OPERATOR, AUTOMATIC
shoulder-strap runner
strap maker
strap-running-machine operator
tubular-machine operator
STUFFER I
TABLE-COVER FOLDER
TAPER
clamper
TAPING-MACHINE OPERATOR
binder
piper
piping-machine operator
tape sewer
TIE-BACK SEWER, AUTOMATIC
TUFTING-MACHINE OPERATOR
chenille-machine operator
yardage-tufting-machine operator
TUFT-MACHINE OPERATOR
chenille-machine operator
needle-punch operator
overlay operator
VALANCE SHIRRER
WELT SEWER
WHITE-DOWN-FEATHER SORTER
ZIPPER SETTER
zipper binder

hunt. & trap.—HUNTING AND TRAPPING, GAME PROPAGATION, ETC.: This designation covers occupations concerned with hunting and trapping, game propagation, and related activities.

BEAVER TRAPPER
BIRD TRAPPER
COUGAR HUNTER
COYOTE HUNTER
GAME-FARM HELPER
laborer, game farm
GAMEKEEPER
MUSKRAT TRAPPER
PREDATORY-ANIMAL HUNTER
bounty hunter
PREDATORY-ANIMAL HUNTER—Continued
forestry hunter
TRAPPER
fur trapper
WOLF HUNTER

ice—ICE INDUSTRY: This industry includes occupations in the production of ice by artificial refrigeration.

CAN FILLER
CAR ICER
car ice-bunker filler
iceman, air conditioning
refrigerator-car icer
CUBE CUTTER
DUMPER
FOREMAN, ICE DELIVERY AND STORAGE
delivery manager
platform supervisor
route supervisor
FOREMAN, ICE HOUSE
ICE CUTTER
sizing-room man
ICEMAKER
ICEMAN
ICE PULLER
PLATFORM MAN
bridgeman
ice loader
station man
storage man

ink—INK INDUSTRY: This designation covers occupations in the manufacture of inks for industrial and consumer use, including printing, writing, drawing, marking, and transfer inks. Production of synthetic dyestuffs, other than coal-tar dyes, is included in the CHEMICAL INDUSTRY (chem.). Manufacture of paints and pigments is covered by the PAINT AND VARNISH INDUSTRY (paint & varn.). Manufacture of carbon black, used as an ink base, is included in the BONE BLACK, CARBON BLACK, AND LAMPBLACK INDUSTRY (bone, carbon, & lampblack).

EXPERIMENTAL PRESSMAN
INK-MILL HAND
PEBBLE-MILL OPERATOR
ROLLER-MILL OPERATOR
paint grinder, roller mill
roll-mill man
roll-mill operator
SEPARATOR
VARNISH MAKER
blender
cooker, varnish
varnish blender
varnish melter
VARNISH-MAKER HELPER
WEIGHER AND MIXER
color mixer
inkman
mixer and weigher
work-off man

insecticides—INSECTICIDES, FUNGICIDES, AND RELATED HOUSEHOLD CHEMICAL COMPOUNDS INDUSTRY: This industry includes occupations concerned with the manufacture of insecticides, fungicides, deodorants, and disinfectants for household and industrial use; also other industrial compounds, such as boiler, insulating, and metal- and oil-treating and waterproofing compounds.

MIXER
STAMPER
press operator
stamp-press operator

inst. & app.—INSTRUMENTS AND APPARATUS INDUSTRY: This industry includes the manufacture of instruments and apparatus for professional, scientific, commercial, and industrial purposes. The following classes of products are typical of those produced in the industry: surgical, dental, and veterinary instruments; physicians' diagnostic apparatus; surveyors', nautical, aeronautical, automotive and similar precision and measuring instruments; sighting and fire-control equipment, such as bomb sights, gun data computers, percentage correctors, wind correctors, directors, and sound locators; indicating and recording instruments; hypodermic syringes; speedometers; barometers and thermometers; compasses; micrometers; and spectroscopes. Occupations concerned with the manufacture of lenses, prisms, field glasses, microscopes, telescopes, and other optical goods are included in the OPTICAL GOODS INDUSTRY (optical goods).

ASSEMBLER
ASSEMBLER, REGULATORS
ASSEMBLY TESTER
BELLOWS BUNDLER
BELLOWS CHARGER I
charge man
BELLOWS CHARGER II
BELLOWS COILER
BELLOWS CRIMPER
crimper
pinch-off man
BELLOWS TESTER
beam checker
bellows inspector
CALIBRATION CHECKER I
float checker
CALIBRATION CHECKER II
air checker
CALIBRATOR I
CALIBRATOR II
CLEAN-UP MAN, SPRAY ROOM
DEVELOPMENT TECHNICIAN
DEWAXER
DIAL RETOUCHER
ELECTRICAL INSPECTOR

inst. & app,—continued

ELECTROMECHANICAL INSPECTOR
mechanical inspector
ELECTROMECHANICAL TECHNICIAN
ELECTRONICS ASSEMBLER
ELECTRONIC-SENSING-EQUIPMENT ASSEMBLER
ELEMENT WINDER
machine winder
FABRICATION TECHNICIAN
FILLER
inclinometer tester
FLANGER
glass-cylinder flanger
FLOAT-TANK MAN
FOREMAN, ASSEMBLY
FOREMAN, CALIBRATION
FOREMAN, INSPECTION
FOREMAN, OPTICAL INSTRUMENTS
FOREMAN, REPAIR
FOREMAN, THERMOSTATIC CONTROLS
FURNACE LOADER
GAGE CALIBRATOR
GLASS BLOWER, LABORATORY APPARATUS
glass technologist
GLASS-ETCHING TECHNICIAN
GLASS GRINDER, LABORATORY APPARATUS
GLAZIER
GRADUATING-MACHINE OPERATOR
HYDROMETER ASSEMBLER
HYDROMETER CALIBRATOR
hydrometer finisher
HYPODERMIC-NEEDLE ASSEMBLER, MACHINE
HYPODERMIC-NEEDLE CLEANER
INSPECTOR, ETCHED-METAL PARTS
inspector
INSPECTOR, FLEXIBLE SHAFTS
INSPECTOR, JEWEL
INSPECTOR, SURGICAL INSTRUMENTS
INSTRUMENT BUILDER
INSTRUMENT CHECKER
timer checker
INSTRUMENT INSPECTOR
INSTRUMENT MAN
instrument repairman
LABORER, PRODUCTION
MACHINE-GROUP-AND-SPECIAL-ASSEMBLIES FOREMAN
MANUFACTURING-ORDER CLERK
MECHANICAL TEST TECHNICIAN
mechanical technician
MEDICAL-APPARATUS MODEL MAKER
MEDICAL-INSTRUMENT-CABLE FABRICATOR
MODEL MAKER
ODOMETER ASSEMBLER
OPTICAL-INSTRUMENT INSPECTOR
PAINTER, RADIUM DIAL
PASSER-AND-FINISHER, CLINICAL THERMOMETER
airman, thermometer
finisher-and-passer, clinical thermometer
thermometer tester
PEDOMETER ASSEMBLER
PLATER
electroformer
PRECISION INSPECTOR
REPAIRMAN
REPAIRMAN, GYROSCOPE
ROVING INSPECTOR
SALVAGE MAN
SENSITIZER-AND-PRINTER
SEQUENCE-CONTROL CHECKER
SLIDE PROCESSOR
SPECIAL NEEDLE MAN
SPEEDOMETER ASSEMBLER
parts assembler
SPEEDOMETER CALIBRATOR
calibrator
speedometer tester
SPEEDOMETER INSPECTOR
SURGICAL-FORCEPS FABRICATOR
fabrication and plastic man
THERMOSTAT ADJUSTER
THERMOSTAT ASSEMBLER
THERMOSTAT CALIBRATOR
air setter
setter
THERMOSTAT CHECKER
THERMOSTAT REPAIRMAN
field-return repairman
production repairman
THERMOSTAT SETTER
pre-set man
TUBE-SHRINKING-MACHINE OPERATOR
VALVE ASSEMBLER
WIRE REAMER

insulated wire—INSULATED WIRE AND CABLE INDUSTRY: This industry includes occupations concerned with the manufacture of insulated or armored wire and cable for transmitting electrical energy. Drawing uninsulated wire is included under WIRE DRAWING (wire).

ARMORING-MACHINE OPERATOR
armored-cable-machine operator
cable armorer
tape armorer
ASBESTOS-WIRE FINISHER
BATCH WEIGHER
BRAIDER OPERATOR
braider
braider tender
CABLE SPOOLER
CHEMICAL WEIGHER
CONTINUOUS-VULCANIZING-MACHINE OPERATOR
DOUBLE-LAY-WINDER-AND-PARAFFIN-UNIT OPERATOR
EXTRUDING-MACHINE OPERATOR
tube-machine operator
FOREMAN
INSPECTOR, INSULATION
INSULATING-MACHINE OPERATOR
coat insulator operator
coat-operator, insulator
wire-taping-machine operator
LAGGING-MACHINE OPERATOR
LEAD-PRESS OPERATOR
extruding-press operator
press-operator
PAIRING-MACHINE OPERATOR
PAPER-WRAPPING-MACHINE OPERATOR
PLASTIC-EXTRUDING-MACHINE OPERATOR
PNEUMATIC JACKETER
PRODUCTION HELPER
REEL TENDER
RUBBER COMPOUNDER
compound weigher
rubber-ingredients weigher and measurer
RUBBER WEIGHER
SPARK TESTER
SPOOLER AND COILER
SPOOLING-MACHINE OPERATOR
bobbin winder
STRANDING-MACHINE OPERATOR
cable-machine operator
cabling-machine operator
strander operator
strand-machine operator
STRIPING-MACHINE OPERATOR
TANDEM-TAPING-AND-PAPER-WRAPPING-MACHINE OPERATOR
TUBER FEEDER
UTILITY MAN, EXTRUSION FLOORMAN
VARNISH-CAMBRIC-COVERING-MACHINE OPERATOR

insurance—INSURANCE INDUSTRY: This designation covers occupations in the operation of all types of insurance carriers, including both home and branch offices. The primary functions covered include the sale and preparation of insurance contracts, the administration of insurance organizations, and keeping necessary records. The principal types of insurance written are accident and health, casualty, fidelity, and surety bonding, fire, liability, life, marine, and theft.

ABSTRACT CHECKER
ABSTRACT-EXAMINATION CLERK
ACCIDENT-AND-SICKNESS-CLAIM EXAMINER
ACCIDENT-AND-SICKNESS UNDERWRITER
ACTUARIAL CLERK
statistical clerk
ADDRESS-CHANGE CLERK
ADJUSTER, CASUALTY INSURANCE
ADJUSTER, FIDELITY-AND-SURETY BONDS
ADJUSTER, FIRE INSURANCE
ADJUSTER, MARINE INSURANCE
AGENCY CASHIER
AGENT-CONTRACT CLERK
contract administrator
APPLICATION-REGISTER CLERK
AUTOMOBILE UNDERWRITER
BANK-LEDGER CLERK
BOND UNDERWRITER
BORDEREAU CLERK
BROKERAGE MANAGER
BUILDING INSPECTOR
CANCELLATION CLERK
memorandum-statement clerk
policy-cancellation clerk
premium-cancellation clerk
premium-card-cancellation clerk
CASH-SURRENDER CALCULATOR
CLAIM ADJUSTER
field-claims representative
insurance adjuster
investigator
CLAIM ATTORNEY I
CLAIM EXAMINER I
claims analyst
claims reviewer
loss examiner
CLAIM EXAMINER II
claims auditor
claims representative
CLAIMS CLERK
COMMISSION AUDITOR
CONTROL CLERK, AUDITING
DATA-CHANGE CLERK
DEATH-CLAIM CLERK
DEATH-CLAIM EXAMINER
DIVIDEND-DEPOSIT-VOUCHER QUOTER
dividend-deposit-entry clerk
ENDORSEMENT CLERK
ENDORSEMENT TECHNICIAN
ESTATE PLANNER
EXTENDED INSURANCE CLERK
FEDERAL-HOUSING-ADMINISTRATION-LOAN AUDITOR
FILING WRITER
FIRE-SAFETY MAN
FIRE UNDERWRITER
GENERAL AGENT
HAZARD-INSURANCE CLERK
HOSPITAL-INSURANCE REPRESENTATIVE
INSURANCE ATTORNEY
claim attorney
insurance counsel
INSURANCE BROKER
INSURANCE CHECKER
INSURANCE COLLECTOR
INSURANCE INSPECTOR
INVESTIGATOR I
LIABILITY UNDERWRITER
LIFE UNDERWRITER I
LIFE UNDERWRITER II
LOSS-OF-CLAIM CLERK
MANAGER, INSURANCE OFFICE
district agent
manager, agency
MARINE UNDERWRITER
MASTER-SHEET CLERK
MEDICAL-STATEMENT APPROVER
MEDICAL-VOUCHER CLERK
examiner-rating clerk
medical-fee clerk
MORTGAGE-LOAN-COMPUTATION CLERK
MORTGAGE-LOAN OFFICER
MORTGAGE-PAPERS-ASSIGNMENT-AND-ASSEMBLY CLERK
PLACER
POLICY-CHANGE CLERK
adjustment clerk
alteration clerk
card-record-adjusting clerk
change-entry clerk
policy-change analyst
policy changer
POLICY-CHANGE CLERK—Continued
policy-change specialist
title and beneficiary clerk
POLICY CHECKER
POLICYHOLDER'S-INFORMATION CLERK
correspondent
customer-service clerk
POLICY-LOAN CALCULATOR
POLICY TECHNICIAN
POLICY-VALUE CALCULATOR
POLICY WRITER
PREMIUM-NOTE-INTEREST-CALCULATOR CLERK
RATER
policy rater
rate inserter
rating clerk
REAL-ESTATE-EXPENSE-POSTING CLERK
REAL-ESTATE-LOCATION WRITER
REINSTATEMENT UNDERWRITER
REINSURANCE CLERK
REMITTANCE CLERK
REMITTANCE-ON-FARM-RENTAL-AND-SOIL-CONSERVATION AUDITOR
RENT-AND-MISCELLANEOUS-REMITTANCE CLERK
REPORT CLERK
REVIEWER
final-application reviewer
new-business clerk
REVIVAL CLERK
reinstatement clerk
REVOLVING-FUND CLERK
SAFETY MAN
insurance-safety man
safety engineer
SALESMAN, CASUALTY INSURANCE
SALESMAN, FIRE INSURANCE
SALESMAN, INSURANCE
insurance agent
solicitor
SALESMAN, LIFE INSURANCE
SALESMAN, MARINE INSURANCE
SPECIAL AGENT
division agency manager
SPECIAL AGENT, GROUP INSURANCE
SPECIAL-CERTIFICATE DICTATOR
settlement technician
SPECIAL RISKS UNDERWRITER
TOTAL-DISABILITY-CLAIM EXAMINER
TRAFFIC-SAFETY MAN
UNDERWRITER
final-selection-of-risk clerk
home-office underwriter
investigator
lay underwriter
WORKSHEET CLERK
abstractor
backer
coder

iron & steel—IRON AND STEEL INDUSTRY: This industry includes occupations in manufacturing pig iron from ore and scrap, converting pig iron and scrap into steel, and rolling steel into sheets and other forms. The fabrication of sheets and other forms into other products is not included, with the exception of tubing, wrought welded pipe, and lock joint and heavy riveted pipe, even though the fabrication of a number of products is frequently carried on in rolling mills or in plants operated in conjunction with rolling mills. The principal functions of the industry include the operation of blast furnaces and open-hearth furnaces, and the various rolling and milling processes.

ACID-CRANEMAN
AETNA-BELLING-MACHINE OPERATOR
APPROACH-TABLE OPERATOR
ASSORTER
AXLE INSPECTOR
BATCH MAKER
BED OPERATOR
hotbed leverman
hotbed operator
hotbed-transfer operator
BELLING-MACHINE OPERATOR
expanding-machine operator
BESSEMER-BOTTOM MAKER
BESSEMER-CONVERTER BLOWER
bessemer-converter man
converter
converter man
steel converter
BESSEMER REGULATOR
BILLET INSPECTOR
BLAST-FURNACE KEEPER
keeper, blast furnace
BLAST-FURNACE-KEEPER HELPER
BLOOMING-MILL RECORDER
BOTTOM MAKER
BRAN MIXER
CATCHER
strander
CHARGER OPERATOR
charger
pulpit man
pusher
pusherman
CHARGER-OPERATOR HELPER
CHARGING-CRANE OPERATOR
CHARGING-MACHINE OPERATOR
charger
furnace-charging-machine operator
poker-in
pusher runner
CINDER-CRANE OPERATOR
COILER
blocker
coiler operator
slitting-machine coiler
COILER OPERATOR
COIL STRAPPER
COLD-MILL INSPECTOR
COLD-MILL OPERATOR
COLD-ROLL PACKER, SHEET IRON

Conveyor Man
Coupling-Machine Operator
Crusher Man
Delivery-Table Operator
Draw-Bench Operator
Drifter
drifting-machine operator
Electric-Arc-Furnace Operator
Electrostatic-Separator Operator
Finisher
Finisher, Cold Rolling
Finisher, Hot Strip
Finisher, Merchant Products
Finisher, Plate
Finishing Inspector
First Helper
melter assistant
open-hearth-furnace operator
Flying-Shear Operator
flying-shear-and-guide operator
Foreman, Blast Furnace
blower, blast furnace
Foreman, Blast-Furnace Auxiliaries
Foreman, Blooming Mill
Foreman, Cleaning-and-Annealing
Foreman, Cold Rolling
Foreman, Conditioning Yard
Foreman, Continuous-Weld-Pipe Mill
rolling foreman, continuous-pipe mill
Foreman, Drawing
Foreman, Electrolytic Tinning
Foreman, Finishing-and Shipping
Foreman, Hot-Dip-Tinning
Foreman, Hot-Strip Mill
Foreman, Merchant-Mill Rolling and Finishing
roller, merchant mill
Foreman, Mold Yard
Foreman, Open-Hearth Stockyard
Foreman, Pig-Machine
Foreman, Pipe Finishing
finishing foreman, weld-pipe-continuous
Foreman, Pit-and-Auxiliaries
Foreman, Plate Heating, Rolling, and Finishing
Foreman, Powdered Metal
Foreman, Roll Shop
Foreman, Scrap Preparation
Foreman, Soaking Pits
Foreman, Speciality Manufacturing
Foreman, Structural Rolling-and-Finishing
roller, structural mill
Furnace Operator
General Foreman, Blast Furnace
Granulator Man
Grease Maker
Guide Setter
Head Welder, Electric-Weld Pipe Mill
Heater
Heater Helper
Hot-Billet-Shear Operator
Hot-Metal Car Operator
Hot-Metal Charger
Hot-Metal-Crane Operator
Hot-Roll Inspector
Hot-Strip-Mill Inspector
Hot-Top Liner
Hot-Top-Liner Helper
Impregnator
Ingot Stripper
Ingot Weigher
Inspector
product inspector
steel inspector
Kiln Operator
Laboratory Assistant, Liaison Inspection
Laboratory Assistant, Metallurgical
metallurgical analyst
metallurgical inspector
Laborer, General
Limeman
Loading Checker
Lubricator-Granulator
Magnet Placer
Manipulator
Marker
Melter Foreman
Melter Foreman, Electric-Arc Furnace
Melter Foreman, Open-Hearth Furnace
Melter Foreman, Oxygen Furnace
Mill Engineer
engineer, blooming mill
roll engineer
steam-control operator
Mill Hand, Plate Mill
Mixer
blender
Mixer-Operator Helper, Hot Metal
Mixer Operator, Hot Metal
Moldman
mold yard man
Oiling-Machine Operator
Open-Hearth Door-Liner
Open-Hearth-Pit Recorder
Oxygen-Furnace Operator
Oxygen-Furnace-Pit Recorder
Piercing-Mill Operator
Pig-Machine Operator
mold-car operator
stand lineman
Pig-Machine-Operator Helper
Pipe Coater
Plate Inspector
Plugger
ballman
rolling-mill plugger
Provider
recorder
Racker
Rail Inspector
Rail-Tractor Operator
ingot buggy operator
Recorder I
Reeling-Machine Operator
reeler operator
Refractory Mixer
Reversing-Mill Roller
Rod-Drawing Foreman
Roll Builder
Roller, Billet Mill
Roller, Blooming Mill
Roller-Leveler Operator
Roller, Plate Mill
Roller, Primary Mill
Roller, Slabbing Mill
Rolling Attendant
Roll-Tube Setter
roll setter
roll-setter, pipe mill
Rougher
bulldogger
Rougher, Bar Mill
Rougher, Hot-Strip Mill
Rougher, Merchant Mill
Rougher Operator
Scrap Baler
Scrap Baller
Scrap Breaker
Scrap Craneman
Screwdown Operator
finisher, screwdown
Seamless-Tube Roller
rotary bar operator
seamless-tube-mill operator
tube roller
Second Helper
open-hearth-furnace-operator helper
Set-Up Man
Sheet Tester
Sinter Feeder
bottom bin man
Sintering-Press Operator
briquette-press operator
coining-press operator
compact-press operator
Sinter-Machine Operator
burner man
Skip Operator
scale-and-skip-car operator
Slabbing-Mill Recorder
Slab-Depiler Operator
table-and-slab depiler
Soaking-Pit Recorder
Speed Operator
Steel Pourer
casting man
Steel-Pourer Helper
Stock Craneman
Stock-House Larryman
Stopper Maker
stopper-rod maker
Stopper-Maker Helper
Stove Tender
hot-blaster man
Structural-Mill Recorder
Table Operator
Table Operator (iron & steel; nonfer. metal alloys)
leverman, table
tableman
Tandem-Mill Roller
Temper-Mill Roller
Test Preparer
sampler
steel sampler
test assembler
test carrier
Third Helper
open-hearth-furnace laborer
Tilting-Table Operator
Tin Roller, Hot Mill
Transfer-Table Operator
Tube Drawer
draw-bench operator
seamless-tube drawer
Tube-Drawing Foreman
Tubing Inspector
Tubing-Machine Operator
Utility Man, Merchant Mill
Vessel Liner
Weigher-Up
metal man
scaleman
scale tender
weigher
Welder, Pipe Making
Wheel Inspector
Wire-Drawing Foreman

jewelry—Jewelry Industry: This industry includes occupations in making and repairing all types of jewelry, and cutting, grinding, and setting precious stones, wherever such work is carried on, as in factories, stores, and repair shops. Typical of the products of the industry are bracelets, brooches, rings, and strings of beads. Clocks and watches are included under the Clocks, Watches, and Allied Products Industry (clock & watch).

Annealer
heat treater
Arborer
bender
ring maker
sizer
Artificial-Pearl Maker
pearl dipper
pearl maker
Artificial-Pearl-Maker Helper
pearl-dipper helper
Assembler
Bead Maker
glass-bead maker
glass blower
Bead Stringer
Bench Hand II
bench worker
Bench-Molder Apprentice
sand-caster apprentice
Boiler-Out
Bracelet-and-Brooch Maker
brooch-and-bracelet maker
Bracelet Maker, Novelty
Breaker-Off
Bright Cutter
Brooch Maker
jeweler
Brooch Maker, Novelty
Caster I
molder
slush caster
Caster Helper
Centrifugal-Casting-Machine Operator
caster
Centrifugal-Wax Molder
Chain Maker, Hand
Chain Maker, Machine
Chain Mender
Charger I
set-up and charge girl
Charger II
bench hand
set-up and charger
Chaser
Coloring Checker
Compact Assembler
Cutter II
Decorator
painter
painter, trim
Diamond Cleaver
cleaver
splitter
Diamond Cutter
brilliandeer
girdler
lopper
Diamond Driller
Diamond Expert
Diamond Selector
diamond assorter
diamond grader
Diamond Setter
Diamond Sizer and Sorter
Die Maker
die cutter
hub cutter
Die-Maker Apprentice
die-cutter apprentice
hub-cutter apprentice
Dipper
etcher, enameling
washer-off
Driller
drill-press operator
Dresden Painter
Earring Maker
Enameler
Engine Turner
Engraving Foreman
Estimator
Facer
Fancy-Wire Drawer I
craftsman
Fancy-Wire Drawer II
Filer
fitter
shaper
Finisher, Fine-Diamond Dies
Firer
baker
kiln operator
Forcer Maker
Forelady, Jewelry Department
Foreman, Jewelry Department
Foreman, Machine Workers
Gager
Gem Cutter
cutter
lapidary
stone cutter
Gemologist
gem expert
Genuine-Pearl Worker
Goldsmith
Grainer
Industrial-Diamond Polisher
diamond polisher
Injection-Wax Molder
Inspector
Jewel-Bearing Broacher
broacher
pinner, jewel bearing
Jewel-Bearing Driller
Jewel-Bearing Facer
flat-grinder operator
Jewel-Bearing Grinder
Jewel-Bearing Maker
Jewel-Bearing Polisher
Jewel-Bearing Turner
Jeweler
bench worker
jewelry jobber
jewelry repairman
Jeweler Apprentice
bench-worker apprentice
jewelry-repairman apprentice
Jewelry-and-Flatware Designer
designer
flatware-and-jewelry designer
Jewelry Coater
Jewelry-Engraving Foreman
Jigger
Jigsawyer
jigsaw operator
Lacquer Man
Lapper
Lathe Hand
sawyer
Lathe Operator
sawyer
Lay-Out Man
Link Assembler
Linker
linker-up
plier worker
Locket Maker
Melter
Mesh Cutter
Model Maker
jewelry-casting-model maker
Model-Maker Apprentice
jewelry-casting-model-maker apprentice
Molder, Bench
sand caster
Mold Maker I
chaser
Mold Maker II
Mold-Maker Apprentice
chaser apprentice
Mold-Maker Helper
chaser helper
Novelty-Chain Maker
Painter I
Painter, Sample
Pearl Hand
Pearl Stringer
Pin-or-Clip Fastener
finding fastener
Planisher
Platinumsmith
Polisher
rubber-off
Preparer
bench hand
Preparer, Making Department
Preparer, Samples-and-Repairs
Press-Hand Supervisor
power-press supervisor
tool setter
Pronger
Pulverizer
cracker
enamel cracker
enamel pulverizer
Racker
Rhinestone Setter
Ring Maker I
Ring Stamper
ring striker
Riveter
Rolled-Gold Plater
plater
Roller
Rubber Mold Maker
mold maker

jewelry—continued

SAMPLE MAKER I
craftsman
SAMPLE MAKER II
SAWYER I
SCRAPER
cutter-and-edge trimmer
SCRATCH BRUSHER
SILVERSMITH
SOLDERER
SOLDERING-MACHINE OPERATOR
SORTER
SPINNER
SPOTTER
STONE GLUER
STONER
STONE SETTER
STONE SETTER (jewelry; optical goods)
jewel setter
STONE-SETTER APPRENTICE
STRETCHER
STRINGER
STRINGER-UP, SOLDERING MACHINE
SWEDGER
SYNTHETIC-GEM-PRESS OPERATOR
TOOTHPICKER
TROPHY ASSEMBLER
TUBBER
TURNER, MACHINE
WATCH-BAND ASSEMBLER
WAX MOLDER
injection molder
WIRE DRAWER
WOOD BURNER

jewelry cases—JEWELRY CASES AND INSTRUMENT CASES INDUSTRY: This industry includes occupations concerned with the manufacture of cases, fancy boxes, and trays for jewelry, instruments, cutlery, eyeglasses, combs, cigarettes, pipes, and toilet sets. The manufacture of such products from leather is included in the LEATHER PRODUCTS INDUSTRY (leather prod.); and those made from precious metal are included in the JEWELRY INDUSTRY (jewelry).

BRACELET-FORM COVERER
BRACELET FORMER
CASE COVERER
CASE FINISHER
case assembler
instrument-case finisher
leather-case finisher
CASE LINER
CASE REPAIRMAN
CUSHION MAKER, HAND
FOREMAN
FOREMAN, HAND WORKERS
FOREMAN, PRINTING AND STAMPING
HINGE ASSEMBLER
hinge-machine operator
hinge-spring attacher
INK PRINTER
INSPECTOR-PACKER
LEAF STAMPER
gold-leaf-stamping-press feeder
gold stamper
leaf printer
LINING MAKER, HAND
NECKER
PAD ASSEMBLER
PART MAKER

knit goods—KNIT GOODS INDUSTRY: This designation covers occupations concerned with knitting, dyeing, and finishing tubular or flat fabrics and shaped garments (except hosiery). The spinning and throwing of knitting yarns is included in the TEXTILE INDUSTRY (textile). The manufacture of garments cut and sewn from knitted cloth is included in the GARMENT INDUSTRY (garment). The making of lace is included in the TEXTILE PRODUCTS INDUSTRY, NOT ELSEWHERE CLASSIFIED (tex. prod., n.e.c.).

ANKLET KNITTER
ANKLET PRESSER
ARMHOLE CUTTER
AUTOCLAVE OPERATOR
BACK TENDER
back man, cloth drier
desizing-machine off-bearer
desizing-machine operator, rear-end
dry-can rear-end man
drying-machine receiver
drying-machine tender
frame catcher
swing tender
take-away attendant
tentering-machine off-bearer
tentering-machine rear-end operator
tenter-machine tailer
BAND CUTTER
BAND-CUTTING-MACHINE OPERATOR
BAND KNITTER
BASTING PULLER
basting cleaner
brusher
bushel girl
BASTING PULLER—Con.
cleaner
end drawer
finisher
table girl
BEAM-WARPER TENDER, AUTOMATIC
beam warper
cotton warper
high-speed-warper tender
section beamer
section warper
tricot-warper tender
warp dresser
warper tender
BIAS-CUTTING-MACHINE OPERATOR
BINDING-MATERIAL STEAMER
BLEACHER
dipping-machine operator
discharger
BLEACHER HELPER
bleach-house helper
bleach-house worker
BOARD MAKER
BOBBIN WINDER, HAND
BOBBIN WINDER, MACHINE
BOW TIER
BOXING-AND-PRESSING FOREMAN
BOXING INSPECTOR
boxing-and-finishing inspector
folded-garment inspector
over inspector
refolder
BRUSHER
glove brusher
napper, hand
BUTTONER
BUTTONHOLE MAKER, HAND
BUTTONHOLE MARKER
BUTTON MARKER
BUTTON RECLAIMER
BUTTON STRINGER
button taper
CALENDERING-MACHINE OPERATOR
calenderer
finisher
folding-machine operator
mangle tender, cloth
rolling-up-machine operator
CHAINMAN
CHEMICAL MIXER
compounder
CIRCULAR KNITTER
CIRCULAR-KNITTER HELPER
CLOTH DRIER
cloth spreader
drier tender
drying-machine operator
steaming-machine operator
CLOTH-FINISHING-RANGE OPERATOR
backfiller
finishing-range operator
hot-tenter-entry-end man
starcher-and-tenter-range feeder
treater
CLOTH INSPECTOR
assembler
CLOTH WEIGHER
COLLARETTE SEPARATOR
COLLAR KNITTER
COLLAR SEPARATOR
CONE CLEANER
CROCHETER, HAND
crochet, hand
CROCHET-MACHINE OPERATOR
crocheter
CUFF FOLDER
cuff turner
CUFF KNITTER
CUFF PRESSER
CUFF SEPARATOR
CUTTER, HAND
slitter
DETACKER
DISH-CLOTH INSPECTOR
DOUBLING-MACHINE OPERATOR
doubler
multiple-tube-winding-machine operator
DRAPER
DRIER
drying-machine tender
DRY CLEANER
DRYING-MACHINE BACK-TENDER
DRYING-MACHINE TENDER
oven tender
stove tender
tubing drier
DYEING-MACHINE OPERATOR
dye-tub man
kettleman, dye
tubman
tub operator
tub tender
tumbler-dyeing-machine operator
DYE-REEL OPERATOR
box tender
cloth dyer
dye-beck-reel operator
dye-tub operator
dye-winch operator
overhead-dye-box operator
overhead-dye man
overhead dyer
piece-dyeing-machine tender
piece-dye worker
vatman
vat tender
DYE-REEL-OPERATOR HELPER
dye-room helper
laborer, wash-and-dye house
DYE-TUB OPERATOR
drum-dyeing-machine operator
dyer
tumbler-dyeing-machine operator
ELASTIC CUTTER, HAND
EMBROIDERER, HAND
decorator, hand
hand embroiderer
EMBROIDERY-MACHINE OPERATOR
FACING-END TRIMMER
FACING SLITTER
FASTENER MARKER
FINISHED-GARMENT INSPECTOR
FINISHED-STOCK TENDER
FLAT KNITTER
FLAT-KNITTER HELPER
FOLDING-MACHINE OPERATOR
dry folder, cloth
folder operator
layer-up
FORMER
FOUNDATION GIRL
steamer-blocker
FRINGING-MACHINE OPERATOR
muffler fringer
FRONT CUTTER
FRONT NOTCHER
GARMENT FOLDER
folder
pinner
GARMENT INSPECTOR
checker
examiner
inspector
trimmer
GARMENT LOOPER
GARMENT MENDER
knit mender
mender, hand
GARMENT STEAMER
steam hand
GARMENT WEIGHER
dozen weigher
GARMENT TURNER
turner, hand
GARTER INSERTER
GREY-GOODS INSPECTOR
HYDRAULIC-PRESS OPERATOR
JACQUARD-PLATE MAKER
patternmaker
JERSEY KNITTER
KIER BOILER
ash-kier boiler
boiler
boil-off man, cloth
bowker
kierman
kier operator
kier tender
lime-kier boiler
lye boiler
KNITTED-CLOTH EXAMINER
KNITTER, FULL-FASHIONED GARMENT
transfer knitter
KNITTER MECHANIC
pattern-and-chain maker
KNITTING-MACHINE FIXER
KNITTING-MACHINE FIXER, HEAD
fixer foreman
KNITTING-MACHINE OPERATOR
knitter
knitter, machine
KNITTING-MACHINE OPERATOR, HAND I
knitter, hand
KNITTING-MACHINE-OPERATOR HELPER
knitter helper
KNIT-TUBING DYER
LABEL CUTTER
LABORER, BLEACH HOUSE
LABORER, DYE HOUSE
LABORER, WASH HOUSE
LACE INSPECTOR
LASTEX-THREAD WINDER
LAUNDRESS
LINK-AND-LINK-HAND-KNITTING-MACHINE OPERATOR
knitting-machine operator, hand
links-and-links hand-knitter
LINK-AND-LINK-KNITTING-MACHINE OPERATOR
knitter, machine
knitting-machine operator, automatic
link-to-link knitter
links-machine knitter
LOOP-DRIER OPERATOR
LOOPER
LOOSE-END FINDER, BOBBIN
finder
MANGLE-PRESS CATCHER
mangle doffer
MANGLER
ironer
mangle operator, garments
pressing-machine operator
MARKER II
MARKING-MACHINE OPERATOR
MARKING-PRESS OPERATOR
MILANESE-KNITTING-MACHINE OPERATOR
MUFFLER KNITTER
NAPPER TENDER
brushing operator
brush-machine operator
fleecing-machine operator
napper
napper operator
NAPPER TENDER—Con.
napping-machine operator
preparer
NECK-PATCH STAMPER
NECK TRIMMER
NEEDLE CLEANER
NEEDLE LEADER
needle man
needle molder
NEEDLE STRAIGHTENER I
straightener
ODD-PIECE CHECKER
shortage worker
PAD BOY
PAD CHANGER
PADDLE-DYEING-MACHINE OPERATOR
PAD-EXTRACTOR TENDER
extractor
processor
PATROLLER
PLEATER
bin piler
kier packer
kier piler
kier pleater
plaiter
POCKET CREASER
POCKET MARKER
PRESS FEEDER
roller-presser operator
PRESS HAND
boarder
RANDOM DYER
cone dyer
random spotter
RASCHEL-KNITTING-MACHINE OPERATOR
RAVELER
REDYE INSPECTOR
RIB-CLOTH KNITTER
RIB KNITTER
RIB-TRIM SEPARATOR
RINSING-MACHINE OPERATOR
RIPPER
ROLLER
ROLLING-DOWN-MACHINE OPERATOR
pleating-machine operator
pull-down man
swing-folding-machine operator
unrolling-machine operator
ROLLING-MACHINE TENDER
roll-up man
ROLL TURNER
tube turner
turner
turning-machine operator
ROTARY-DRUM DYER
ROTO CONER
SALVAGE WINDER
SCALLOP TRIMMER
trimming-machine operator
SCHREINER-EMBOSSER OPERATOR
STEAM STEAMER
pipe steamer
SECONDS INSPECTOR
mending inspector
SECONDS MAN
seconds handler
SHEARING-MACHINE OPERATOR
backing-shear operator
batch-and-shearing-machine operator
brusher and shearer
brusher-machine operator
cloth-brusher tender

SHEARING-MACHINE OPERATOR—Continued
cloth-cleaning-machine operator
cloth-finishing-machine operator
cloth shearer
cropper
looper
shear operator
tiger-machine operator
SHIRT TURNER
SHRINKING-MACHINE OPERATOR
padding-machine operator
presetter operator
SKEIN WINDER
coner
spooler
swifter
swift tender
SKEIN-YARN DYER
dye-machine tender
kettleman, stock dye
kettleman, yarn dye
kettle tender
pilot
yarn dyer
SLEEVE SEPARATOR
SLEEVE TURNER
SOAKING-MACHINE OPERATOR
wetting-out operator
SPOT CLEANER
cleaner
dry cleaner
spotter
spot washer
SPOT-DYEING-AND-WINDING-MACHINE OPERATOR
dye winder
spot-dyeing-machine operator
SUCTION-DRUM-DRIER OPERATOR
TAB CUTTER
TAILING-MACHINE OPERATOR
TAPE CUTTER
TAPE STRINGER
braider
draw-string inserter
draw-string operator
lacer, hand
ribboner
ribbon stringer
taper
TENTER-FRAMER FEEDER
TENDER-FRAME OPERATOR
cloth stretcher
drier tender
drying-frame operator
drying-machine tender
frame-machine operator
framing-machine tender
hot-frame tender
open-tenter operator
pin-tenter operator
steam-frame operator
stretcher
tenter-frame feeder
tentering-machine operator
THREADER
TIE KNITTER
TIE-KNITTER HELPER
TIE PRESSER
TIPPER
TOPPER
TRICOT-KNITTING-MACHINE OPERATOR
TRIMMING-MACHINE OPERATOR
winder
TUBE SEWER
TUMBLER TENDER
WARP-KNITTING-MACHINE OPERATOR
knitter
WEIGHTER
fuller
WET-FABRIC-CONVEYOR ATTENDANT
WINDING FOREMAN
WOOL-BLEACHING-MACHINE OPERATOR
WOOL-TINTING-MACHINE OPERATOR
WOOL-WASHING-MACHINE OPERATOR
WORK GUIDER
guider
knitting guider
knitting-order man
WRINGER
reeler
washer tender
wringer man
YARN DYER, VAT
YARN TESTER

lasts & rel. forms—LASTS AND RELATED FORMS INDUSTRY: This industry includes occupations in the manufacture of lasts for boots and shoes, shoe trees, shoe stretchers, and display forms for boots and shoes.

HEEL GRINDER
LAST-CODE STRIPER
code striper
LAST IRONER
ironer
LAST MARKER
LAST-MODEL MAKER
model maker
LAST-PATTERN GRADER
LAST POLISHER
LAST REMODELER
remodeler
LAST SCOURER
last grinder
LAST TRIMMER
LAST TURNER
TOE STRIPPER

laund.—LAUNDRY INDUSTRY: This industry includes occupations in the washing, drying, ironing, and mending of wearing apparel and of household articles, such as blankets, curtains, and washable rugs, as carried on in commercial laundries and in other establishments and institutions, such as hospitals and hotels. Occupations in laundering wearing apparel and household articles in private homes are included in DOMESTIC SERVICE (dom. ser.).

ASSEMBLER
distributor
matcher
shelf girl
sub-sorter
ASSEMBLER, WET WASH
net checker-hanger
BAGGER
BODY PRESSER
BOSOM PRESSER
BUNDLE WEIGHER
CARDING-MACHINE OPERATOR
blanket comber
CHECKER
CHUTE GIRL
CLASSIFIER
assorter, soiled articles
conveyor boy or girl
separator
soiled-linen distributor
sorter, soiled articles
CLIP BOY
CONTINUOUS-TOWEL ROLLER
towel-rolling-machine operator
CONDITIONER-TUMBLER OPERATOR
CURB BOY
doorman
service boy
DARNING-MACHINE OPERATOR
DETACHED-COLLAR FINISHER
DETACHED-COLLAR-MACHINE OPERATOR
DETACHER
FEATHER RENOVATOR
pillow cleaner
FLAT WASHERMAN
FLATWORK ASSEMBLER
FLATWORK CATCHER
FLATWORK FEEDER
FLATWORK FINISHER
flatwork-machine operator
FLATWORK FINISHER, HAND
FLATWORK FOLDER
FLATWORK FOREMAN
FLATWORK TIER
FLOOR CLERK
FOLDER
FOLDING-MACHINE OPERATOR
FORM-FINISHING-MACHINE OPERATOR
FORM-PRESS OPERATOR
HANDKERCHIEF PRESSER
handkerchief ironer
HOT-HEAD-MACHINE OPERATOR
IRONER, CORONETS
IRONER, SOCK
sock-and-stocking ironer
sock drier
sock folder
ISOLATION-WASH MAN
LAUNDERETTE ATTENDANT
attendant, laundry-and-dry-cleaning service
self-service-laundry-and-dry-cleaning attendant
washateria attendant
LAUNDRESS, HAND
LAUNDRY FOREMAN
LAUNDRY HAND
laundryman
LAUNDRY LABORER
bundle clerk
bundle-conveyor boy
LAUNDRY-MACHINE MECHANIC
laundry-machine repairman
LAUNDRYMAN, HAND
LAUNDRY-MARKER SUPERVISOR
LAUNDRY OPERATOR
LAUNDRY OPERATOR, FINISHING
LAUNDRY OPERATOR, WASH ROOM
LAUNDRY ROUTEMAN
LEGGER, OVERALL
LEGGER-PRESS OPERATOR
LINEN-CONTROL MAN
LINEN GRADER
LINEN-ROOM SUPERVISOR
manager, industrial garment
LINEN-SUPPLY LOAD-BUILDER
LINEN-SUPPLY-ROOM BOY
MANAGER, BRANCH STORE
MARKER
clothes marker
countergirl
counterman
entry clerk
garment marker
receiving checker
MUSHROOM-PRESS OPERATOR
NET SORTER
OVERALL WASHERMAN
PATCHING-MACHINE OPERATOR
PIN BOY
PIN GIRL
PIN-SORTER-AND-BAGGER
PRESS OPERATOR
wearing-apparel presser
PRESS OPERATOR, AUTOMATIC
PUFF IRONER
baller
puffer
PUFF-IRON OPERATOR
PULLER
RAG BALER
RAG WASHERMAN
RECEIVING, MARKING, AND WASHING FOREMAN
RETAIL-RECEIVING CLERK
RETURN CHECKER
SEAMSTRESS
mender
SHAKER, FLATWORK
SHAKER, WEARING APPAREL
shake-out girl, wearing apparel
SHIRT-COLLAR-AND-CUFF PRESSER
SHIRT FOLDER
SHIRT-FOLDING-MACHINE OPERATOR
shirt folder, machine
SHIRT-IRONER SUPERVISOR
SHIRT PRESSER
SHIRT-PRESS OPERATOR, AUTOMATIC
SHIRT STARCHER
SHORT GIRL
keno girl
SORTING-AND-FOLDING SUPERVISOR
SPOTTER
STARCHER
starchmaker
STRETCHER-DRIER OPERATOR
carder, blankets
curtain drier
curtain framer
curtain girl
curtain stretcher
stretcher operator
SUPERINTENDENT, LAUNDRY
TICKET GIRL
pricer
pricing clerk
TOPPER-PRESS OPERATOR
TOPPER-PRESS OPERATOR, AUTOMATIC
TUMBLER OPERATOR
drier operator
drying-machine operator
drying-tumbler operator
tumbler-drier operator
tumbler man
WASHER, BLANKET
WASHER, HAND
wash girl, hand
WASHER HELPER, MACHINE
wet cleaner helper, machine
WASHER, MACHINE
laundryman
starch washerman
WASHER, MACHINE—Con.
steam cleaner, machine
washman
wet cleaner, machine
wet washer, machine
WASHING-MACHINE LOADER
WASHING-MACHINE LOADER-AND-PULLER
WASHROOM FOREMAN
WEARING-APPAREL ASSEMBLER
WEARING-APPAREL FINISHER, HAND
WEARING-APPAREL FOLDER
WRAPPER-ASSEMBLER
YOKE PRESSER

leather mfg.—LEATHER MANUFACTURING INDUSTRY: This industry covers cleaning, tanning, currying, and finishing hides and skins of birds, mammals, and reptiles to convert them into leather for subsequent use in the manufacture of products, such as belts, boots, shoes, gloves, and saddles.

BACK ROLLER
BARK GRINDER
BARK TANNER
BEAMER
brusher, hand
fine grainer
fine hairer
fine unhairer
flesher
grainer, hand
green shaver
hand-sanding fine-hairer
mooner
reflesher
scudder, hand
slicker
slickering beamster
BEAMING INSPECTOR
beam-house inspector
lime-hide inspector
scudding inspector
unhairing inspector
BELLY INSPECTOR
BELLY ROLLER
BELLY WRINGER
BLACKING-WHEEL MAN
BLACK-LEATHER BUFFER
BLACK-LEATHER TRIMMER
BLUE-LEATHER SETTER
BLUE-LEATHER SORTER
BLUE-SPLIT TRIMMER
BUFFER, MACHINE
buffing-machine operator
buffing-wheel operator
burnisher
buzzle buffer
finishing-wheel operator
leather sander
leather snuffer
wheel buffer
CHESTNUT TANNER
CHROME-TANNING WHEELMAN
COLORED-LEATHER SETTER
COLORER, HIDES AND SKINS
color drumman
colorer, machine
coloring man
dye-house wheelman
dye mixer
dyer-and-washer
dye weigher
leather colorer
COLOR MATCHER
color mixer
mixer, pigment
CRAVETTING-MACHINE OPERATOR
CROP ROLLER
CROP-SETTING-OUT-MACHINE OPERATOR
DEGREASING-SOLUTION MIXER
DEGREASING-WHEEL OPERATOR
DELIMER
bate master
bater
drencher
DOPE SPRAYER
DRUM ATTENDANT
breaker-wheel operator
drum man
mill attendant
mordant-wheel man
softener
stuffer, machine
temperer
wet-milling-wheel operator
DRY-MILL WORKER
DRY ROLLER
EMBOSSER
embosser-press man
embossing-machine operator
embossing-press operator
finished-leather presser
plating-press operator
pressman
printer
smooth plater
FINAL-COAT SPRAYER
FINISHING-COMPOUND MIXER
FITTER-UP
FLESHING-MACHINE OPERATOR
FOREMAN, BEAM DEPARTMENT
FOREMAN, FINISHING ROOM
FOREMAN, HIDE HOUSE
FOREMAN, PACKING ROOM
FOREMAN, SPLIT-AND-DRUM ROOM
FOREMAN, SPLIT-LEATHER DEPARTMENT
FOREMAN, TAN ROOM
FRAME MAKER
GLAZING-MACHINE OPERATOR
GRAINING-MACHINE OPERATOR
GUM SPRAYER
HAIR BALER
HIDE INSPECTOR
hide examiner

leather mfg.—continued

INSPECTOR AND SORTER
assorter
bench sorter
grader
befter
hide sorter
leather sorter
passer
KEROSENE RECLAIMER
LABORER, BEAM HOUSE
LABORER, DRYING DEPARTMENT
LABORER, GENERAL
cellar hand
choreman
department helper
floor boy
general utility man
roustabout
LABORER, HIDE HOUSE
LABORER, TAN HOUSE
LAMBSKIN TRIMMER
LEATHER BALER
LEATHER COATER
doper
enameler
finisher, hand
band finisher
japanner
leather dresser
load mixer
pourer
seasoner, hand
split-leather mosser
streaker-off, hand
swabber
tannery gummer
LIMER
dehairer
bair remover
hide limer
hide-or-skin lime-handler
limeman
lime puller
lime reeler
lime handler
lime slaker
lime-solution man
lime-solution pumper
lime-vat floorman
lime-vat hauler
lime-vats air-plunger
lime-vats puller
lime-vat tender
lime-wheel man
liming-solution maker
LIME TRIMMER
MEASURING-MACHINE OPERATOR
hide-measuring-machine operator
measurer
measuring man
OAK TANNER
OFFAL BALER
OILING-MACHINE OPERATOR
OIL SPRAYER
SPRAYER, MACHINE
blackener
blacking-machine operator
spray-machine operator
PATCHER
cementer
leather patcher
leather repairer
PATENT-LEATHER SORTER
PICKLER
brine-tank man
pickle-mill man
pickle-solution maker
pickle-vat man
pickle-wheel man
PIGMENT-AND-LACQUER MIXER
PIGMENT GRINDER
QUEBRACHO TANNER
RAW-HIDE TRIMMER
RETANNED-LEATHER ROLLER
ROLLER-MACHINE OPERATOR
jacker
jack-machine operator
jack-roller operator
preparer
rolling-jack operator
ROLL FILLER
RUSSET-LEATHER SORTER
SAMMY MAN
SEASONING MIXER
dope mixer
SEASONING SPRAYER
SHAVING-MACHINE OPERATOR
dry shaver
dry-shaving-machine operator
finishing shaver
shaver
slating-machine operator
wet shaver
wet-shaving-machine operator
SHEARING-MACHINE OPERATOR
SPLITTER, HEAD
SPLITTING-MACHINE FEEDER
leather leveler
SPRAYER, HAND
leather pourer
leather sprayer
pourer
stencil sprayer
STAKER, MACHINE
blocking-machine operator
clamp staker
stretching-machine operator
STILL OPERATOR
degreasing-solution reclaimer
SUEDING-WHEEL OPERATOR
SUMAC TANNER
TANNERY GRINDER
TANNING-DRUM OPERATOR
drum tender
extract-wheel man
pit tanner
retanner
retanning-vat man
tanning-drum tender
tanner
tan yardman
tawer
TANNING-WHEEL FILLER
TANNING-SOLUTION MAN
bark man
TRIMMER, HAND
bend trimmer
block trimmer
counter-pocket trimmer
edge trimmer
grader
preparer
ripper
snipper
trimmer and sorter
unbundler
TRIMMER, MACHINE
shearer
UNHAIRING-MACHINE OPERATOR
WASHING-MACHINE OPERATOR
WET ROLLER
WET TRIMMER
WHITE-KID BUFFER
WOOD GRINDER
WOOL PULLER
WRINGER-MACHINE OPERATOR
extractor operator
extract wringer
pressman
putter-out, machine
WRINGER-MACHINE OPERATOR—Continued
roll-press operator
setter, machine
striker-out machine
wringer
wringer operator
wringing-machine operator

leather prod.—LEATHER PRODUCTS INDUSTRY: This industry covers occupations concerned with the production of such leather articles as harness, pocketbooks, power belting, purses, saddles, suitcases, trunks, and related luggage made of leather and other materials; waist belts, wallets, and other leather products. Excluded are boots and shoes, which are included in the BOOT AND SHOE INDUSTRY (boot & shoe); garments, which are included in the GARMENT INDUSTRY (garment); and gloves and mittens, which are included in the GLOVE AND MITTEN INDUSTRY (glove & mit.).

APPLIQUE SEWER
ASSEMBLER, HANDBAGS
ASSEMBLY-DEPARTMENT FOREMAN
BEADER, HAND
BELTING CUTTER
BOOT-LACE CUTTER, MACHINE
BRIEFCASE SEWER
BUCHRAM CUTTER
CASE COVERER
CASE FINISHER
case assembler
instrument-case finisher
leather-case finisher
CASE LINER
CASE MAKER
hand turner
CASE REPAIRMAN
CLOTH-AND-LEATHER-DEPARTMENT FOREMAN
COATING-MACHINE FEEDER
cementer, machine
glue-machine feeder
COIN-PURSE FRAMER
COLLAR CUTTER, HAND
COLLAR MAKER
COLOR SPRAYER
CUTTING-DEPARTMENT FOREMAN
CUT-LACE-MACHINE OPERATOR
cutter, machine
leather-stripping-machine operator
tanned-hide-cutter, machine
width stripper
DECORATOR I
hardware assembler
EDGER
EMBOSSER
embosser-press man
embossing-machine operator
embossing-press operator
finished-leather presser
plating-press operator
pressman
smooth plater
FANCY SEWER
FOLDING-MACHINE OPERATOR
gusset folder
zipper-lining folder
FOREMAN
FRAME COVERER
stuffer
GLOVE CUTTER
GLUE-SPREADING-MACHINE OPERATOR
HANDBAG DESIGNER
pocketbook designer
purse designer
sample maker
HANDBAG FINISHER
HANDBAG FRAMER
framer
HANDBAG-PARTS CUTTER
HANDLE BOY
HANDLE MAKER
HANDLE SEWER
handle stitcher
HARNESS CUTTER
HARNESS-MACHINE OPERATOR
HARNESS MAKER
HARNESS REPAIRMAN
HAT-PARTS CUTTER
HOLSTER MAKER
INSPECTOR
examiner
LACE-ROLLER OPERATOR
belt roller
LEATHER-BELT-LOOP CUTTER
LEATHER-BELT MAKER
belt puncher
cartridge-belt puncher
LEATHER-BELT PUNCHER
LEATHER-BELT SHAPER
LEATHER CARTRIDGE-BELT MAKER
LEATHER-NOVELTY-PARTS CUTTER
LEATHER STAMPER
decorator
leather tooler
tooler
LEATHER WORKER
LINING-PARTS CUTTER
LINING-PARTS SEWER
LUGGAGE MAKER
custom-luggage maker-and-repairman
MEN'S LEATHER-DRESS-BELT MAKER
MOLDER, FIBER GLASS LUGGAGE
OIL-SEAL ASSEMBLER
PAD HAND
pad cutter and assembler
PASTER, HAND OR MACHINE
POCKETBOOK-CASE MAKER
POCKETBOOK FRAMER
PURSE-CASE MAKER
PURSE FRAMER
RIDING-SADDLE CUTTER
RIFLE-CASE REPAIRER
SADDLE MAKER
SADDLER
SEWING-DEPARTMENT FOREMAN
SEWING-MACHINE OPERATOR
SHADER, BUNDLER, AND COUNTER
shading-and-bundling counter
SILK-LINING CUTTER, MACHINE
SINGLE-BEAM CLICKER
SIZER, BELTS
SOLE-STOCK CUTTER
SPRAY CEMENTER
SPANISHER
STACKER
bundler
STAINER
applier
color finisher
smearer
TUBER
lace rounder
leather-belting rounder
stripping rounder
TWIN-BEAM CLICKER
UNDERARM-CASE MAKER
WALLET-CASE MAKER
WESTERN-SADDLE MAKER
WOMEN'S LEATHER-BELT MAKER

library—LIBRARY: This designation covers occupations in all types of libraries, such as circulating, lending (fee), and public libraries, and the libraries of institutions and other organizations, such as universities and schools.

ACQUISITIONS LIBRARIAN
ART LIBRARIAN
BOOKMOBILE CLERK
BOOKMOBILE DRIVER
BOOKMOBILE LIBRARIAN
BRANCH LIBRARY CLERK
BUSINESS LIBRARIAN
CATALOGER
catalog librarian
descriptive cataloger
CHIEF LIBRARIAN, ART DEPARTMENT
CHIEF LIBRARIAN, BOOKMOBILE
CHIEF LIBRARIAN, BRANCH
CHIEF LIBRARIAN, BRANCH OR DEPARTMENT
principal librarian
senior librarian
supervising librarian
CHIEF LIBRARIAN, CIRCULATION DEPARTMENT
CHIEF LIBRARIAN, EXTENSION DEPARTMENT
CHIEF LIBRARIAN, GENERAL REFERENCE DEPARTMENT
CHIEF LIBRARIAN, MUSIC DEPARTMENT
CHIEF LIBRARIAN, PERIODICAL READING ROOM
CHIEF LIBRARIAN, READERS' ADVISORY SERVICE
CHIEF LIBRARIAN, WORK WITH BLIND
CHILDREN'S LIBRARIAN
CIRCULATION LIBRARIAN
CITY-LIBRARY DIRECTOR
CLASSIFIER
CLERK, BRAILLE-AND-TALKING BOOKS
COLLECTOR, OVERDUE MATERIAL
COUNTY-LIBRARY DIRECTOR
ENGINEERING LIBRARIAN
FILM LIBRARIAN
audiovisual librarian
film-and-record librarian
LAW LIBRARIAN
LIBRARIAN
LIBRARIAN, REFERENCE LIBRARY
LIBRARIAN, SPECIAL COLLECTIONS
LIBRARY ASSISTANT
book-loan clark
circulation clerk
desk attendant
library attendant
library clerk
library helper
LIBRARY CLERK, ART DEPARTMENT
LIBRARY CLERK, BOOK RETURN
LIBRARY CLERK, TALKING BOOKS
LIBRARY DIRECTOR
librarian, head
library administrator
library superintendent
manager, library
MAP LIBRARIAN
MEDICAL LIBRARIAN
PAGE
runner
shelver
shelving clerk
stack clerk
PATIENTS' LIBRARIAN
hospital librarian
READERS'-ADVISORY-SERVICE LIBRARIAN
REFERENCE LIBRARIAN
REGISTRATION CLERK
SHELVING SUPERVISOR
YOUNG-ADULT LIBRARIAN

light. fix.—LIGHTING FIXTURES INDUSTRY: This industry embraces occupations in the manufacture of electric, gas, gasoline, carbide, and kerosene lighting equipment and related products. The principal products of the industry are chandeliers, lighting fixtures, motor vehicle lamps, shades, and reflectors. The industry does not include the manufacture of incandescent electric bulbs, which are included in the ELECTRICAL EQUIPMENT INDUSTRY (elec. equip.), or the production of other glass products, which are included in the GLASS MANUFACTURING INDUSTRY (glass mfg.).

ASSEMBLER I
lamp wirer
ASSEMBLER II
ASSEMBLER, CARBIDE-LAMP
ASSEMBLER, FLOURESCENT LIGHTS
ASSEMBLER, INCANDESCENT LIGHTS
AUTOMOBILE-HEADLIGHT ASSEMBLER
AUTOMOBILE-TAILLIGHT ASSEMBLER
CHANDELIER MAKER
FIXTURE MAKER
FLASHER ADJUSTER
FOREMAN, FABRICATION DEPARTMENT

MODEL MAKER, FLUORESCENT LIGHTING
MOTOR-VEHICLE-LIGHT ASSEMBLER
automobile-light assembler
RIVETER
riveting-hammer operator
SKIVER
SKIVER, HAND
TESTER-AND-INSPECTOR, LAMPS
TRUCK-HEADLIGHT ASSEMBLER
WIPER
WIRECUTTER

light, heat, & power—LIGHT, HEAT, AND POWER INDUSTRY: This industry includes the occupations concerned with generation of electricity by steam and hydroelectric power plants; the transmission and distribution of electricity; the distribution of manufactured and natural heating and illuminating gas; the production and distribution of steam heat and power; and the activities related to such functions.

ACCOUNT-INFORMATION CLERK
APPLIANCE-SERVICE SUPERVISOR
electrical-appliance service supervisor
merchandise supervisor
ASSEMBLER
tower assembler
transmission-tower assembler
AUXILIARY-EQUIPMENT OPERATOR
pump-room operator
BATTERYMAN, LARGE EMERGENCY STORAGE
battery-maintenance man
BILLING CONTROL CLERK
BILL RECAPITULATION CLERK
BOILER-FEED-PUMP OPERATOR
BUILDING-EQUIPMENT INSPECTOR
BYPRODUCTS OPERATOR
CABLE MAN
electrician, underground
CABLE-MAN HELPER
CABLE-MAINTENANCE MAN
CABLE PULLER
cable placer
cable rigger
CABLE SPLICER
cable repairman
electrician, cable splicing
splicer
CABLE-SPLICER APPRENTICE
splicer apprentice
CABLE-SPLICER HELPER
CHANNEL TESTER
CHART CALCULATOR
CHIEF-LOAD DISPATCHER
chief dispatcher
system operator chief
CIRCUIT-BREAKER FOREMAN
electric-generation-station foreman
CIRCUIT-BREAKER MECHANIC
electric-generation-station mechanic
COAL-EQUIPMENT OPERATOR
COAL SAMPLER
COAL-TOWER OPERATOR
COMMUNICATION ENGINEER
COMPLAINT INSPECTOR
complaint man
COMPLAINT MAN I
customer-service representative
field inspector
special gas-and-electric-service investigator
CONDENSATE-METER-MAINTENANCE MAN
CONDUIT MAN
CONDUIT MECHANIC
conduit man
duct layer
CONSTRUCTION CHECKER
inspector-and-clerk
power-line inspector
CONSTRUCTION-LEDGER CLERK
CONTACT CLERK
CONTACT CLERK, SUPERVISOR
CONTRACT CLERK
adjustment clerk
application clerk
order clerk
outside contact clerk
service representative
CONTRACT CLARK SUPERVISOR
service representative supervisor
CORROSION-CONTROL FITTER
COST-AND-SALES-RECORD SUPERVISOR
COST ENGINEER, RETIREMENTS
COST-ESTIMATING CLERK
CUT-IN AND CUT-OUT MAN
cut-out and cut-in man
DAM-MAINTENANCE FOREMAN
DEMAND-EQUIPMENT REPAIRMAN
DEMAND-METER INSPECTOR
maximum-demand-meter tester
DEMAND-METER INSPECTOR HELPER
DEPOSIT CLERK
credit supervisor
DEPOSIT REFUND CLERK
DIESEL-PLANT OPERATOR
DIP-AND-SLOW-LIGHT TESTER
DISPATCHER, CHIEF, SERVICE OR WORK
DISPATCHER, SERVICE
schedule clerk
service dispatcher
trouble dispatcher
DISPATCHER, SERVICE, CHIEF
service-order dispatcher, chief
DISPATCHER, SERVICE OR WORK
service dispatcher
trouble dispatcher
trouble foreman
DISTRIBUTION ACCOUNTING CLERK
DISTRIBUTION ENGINEER
electric-distribution engineer
DISTRIBUTION-FIELD ENGINEER
line inspector
DRAFTSMAN, CHIEF, DESIGN
DRAFTSMAN, RELAY
DRIER OPERATOR
DRIP PUMPER
DUCT LAYER
DUCT-LAYER FOREMAN
DUCT-LAYER HELPER
DYNAMO MAN
EARTH-BORING-MACHINE OPERATOR
earth-auger operator
hole-digger operator
post-hole digger
ELECTRICAL ENGINEER, POWER
ELECTRICAL-INSTALLATION INSPECTOR
service-and-meter foreman
service inspector
ELECTRICAL TESTER
ELECTRICAL-TESTS SUPERVISOR
ELECTRIC-DISTRIBUTION CHECKER
distribution checker
ELECTRICIAN APPRENTICE, POWERHOUSE
ELECTRICIAN FOREMAN, SUBSTATION
electric-repair foreman
electric-repair supervisor
special inspecting-and testing foreman
ELECTRICIAN HELPER, POWERHOUSE
ELECTRICIAN, POWERHOUSE
ELECTRICIAN, RECTIFIER MAINTENANCE
ELECTRICIAN, SUBSTATION
special inspecting-and-testing journeyman
ELECTRIC-METER INSTALLER I
electrician, meter installation
electric-meter setter
meter installer
ELECTRIC-METER INSTALLER II
ELECTRIC-METER-INSTALLER HELPER
ELECTRIC-METERMAN FOREMAN
ELECTRIC-METER READER
ELECTRIC-METER REPAIRMAN
meterman, electric
meter repairman
ELECTRIC-METER-REPAIRMAN APPRENTICE
meter repairman apprentice
ELECTRIC-METER REPAIRMAN HELPER
ELECTRIC-METER TESTER
meter tester
ELECTRIC-METER TESTER HELPER
EMERGENCY-CREW FOREMAN
ESTIMATOR AND DRAFTSMAN
detail and lay-out draftsman
distribution estimator
lay-out and detail draftsman
ESTIMATOR AND INSPECTOR
EXPENDITURE-REQUISITION CLERK
FEEDER-SWITCHBOARD OPERATOR
FIELD-MECHANICAL-METER TESTER
mechanical meter tester
meter inspector
FIELD RECORDER
field clerk
FIREPROOFING MAN
FIXED-CAPITAL CLERK
FLOORMAN, DISTRIBUTION SUBSTATION
FLOWMETER-MAINTENANCE MAN
FOREMAN, ELECTRICAL-REPAIR AND TELEPHONE-LINE MAINTENANCE
FURNACEMAN
FURNACEMAN HELPER
GAS DISPATCHER
load dispatcher
GAS-DISTRIBUTION ENGINEER
GAS-EQUIPMENT-AND-CONTROL MAN
GAS FITTER, PRESSURE
GAS-GOVERNOR REPAIRMAN
GAS-GOVERNOR-REPAIRMAN HELPER
gas-regulator-repairman helper
GAS-MAIN FITTER
pipe fitter
pipeman
GAS-METER CHECKER
meter-and-service-line inspector
service-line-and-meter inspector
GAS-METER-DIAPHRAGM INSTALLER
GAS-METER INSPECTOR
valve tester
GAS-METER INSTALLER
gas fitter
meter installer
on-and-off man
GAS-METER INSTALLER APPRENTICE
meterman apprentice
GAS-METER PACKER
stuffing-box packer
GAS-METER PROVER
gas-meter adjuster
GAS-METER READER
GAS-METER REPAIRMAN
hard-case-meter repairman
iron-case-meter repairman
GAS-METER-REPAIRMAN APPRENTICE
GAS-METER-REPAIRMAN FOREMAN
GAS-METER-REPAIRMAN HELPER
gas-meter shopman
GAS-METER STRIPPER
meter opener
GAS-METER TESTER
GAS-METER WASHER
GAS-PLANT CLERK
B.t.u. man, gas plant
GAS-PLANT FOREMAN
GAS-PLANT OPERATOR
GAS-PLANT REPAIRMAN
GAS-PUMPING-STATION FOREMAN
GAS-PUMPING-STATION OPERATOR
booster operator
booster-station operator
compressor-house operator
GAS-PUMPING-STATION OPERATOR—Continued
engineer, booster and exhauster
engineer, gas-pumping station
gas-booster engineer
gas-substation operator
GAS SERVICEMAN
local representative
GAS-SERVICEMAN HELPER
GAS TESTER
GROUNDING ENGINEER
GROUNDMAN
HEATING ENGINEER
heating specialist
HELPER, ELECTRICAL
electrician helper
HISTORY-CARD CLERK
meter-record clerk
order clerk
HOLE-DIGGER-TRUCK DRIVER
HOME-LIGHTING ADVISER
home lighting demonstrator
HOME-LIGHTING-DEMONSTRATOR SUPERVISOR
supervisor, home service division
HOME-SERVICE REPRESENTATIVE
HOUSE-PIPING INSPECTOR
HYDROELECTRIC-MACHINERY MECHANIC
plant machinist
HYDROELECTRIC-MACHINERY-MECHANIC HELPER
HYDROELECTRIC-PLANT-MAINTENANCE MAN
general utility man
rack man
HYDROELECTRIC-STATION OPERATOR
HYDROELECTRIC-STATION-OPERATOR, CHIEF
production superintendent, hydro
INDUCTIVE-COORDINATION ENGINEER
INDUSTRIAL-GAS FITTER
industrial serviceman
INDUSTRIAL-GAS SERVICEMAN
INDUSTRIAL-GAS-SERVICEMAN FOREMAN
INDUSTRIAL-POWER ENGINEER
power salesman
salesman, industrial power
INSIDE METERMAN
electric-meter tester, shop
inside tester
INSPECTOR, CHIEF
INSTRUMENT MECHANIC
INSTRUMENT-MECHANIC APPRENTICE
INSTRUMENT-MECHANIC FOREMAN
INSTRUMENT-MECHANIC HELPER
INSULATOR TESTER
INTERIOR-WIRING INSPECTOR
INVESTIGATOR
INVESTIGATOR, BILL COMPLAINTS
LABORATORY ASSISTANT
laboratory technician
LABORATORY HELPER
LABOR-CREW FOREMAN
LABORER, CONSTRUCTION OR LEAK GANG
LABORER, ELECTRIC POWER AND TRANSMISSION LINE
LABORER, GAS PLANT
water-gas-maker helper
LABORER, POWERHOUSE
LEAK-GANG FOREMAN
LINE-CONSTRUCTION FOREMAN
LINE FOREMAN
LINE FOREMAN, TOWER
LINEMAN
LINEMAN APPRENTICE
repair-lineman apprentice
LINEMAN, REPAIR
hiker
hot-wire lineman
lineman, journeyman
line serviceman
repairman, line
LINEMAN, TOWER
LIQUEFICATION-AND-REGASIFICATION-PLANT OPERATOR
regasification-and-liquefaction-plant operator
LIQUEFIED-PETROLEUM-GAS ENGINEER
LOAD CHECKER
demand inspector
LOAD DISPATCHER
dispatcher, electric power
power dispatcher
system dispatcher
system operator
LOAD DISPATCHER, LOCAL
MACHINIST FOREMAN
MAIN-EXTENSION CLERK
MAINS-AND-SERVICE FOREMAN
crew foreman
gang foreman
gas-distribution foreman
service-and-mains foreman
MAINTENANCE FOREMAN, GAS PLANT
plant-maintenance supervisor
MAINTENANCE MAN, GAS PLANT
MAINTENANCE SUPERVISOR
MAINTENANCE SUPERVISOR, ELECTRICAL
MAINTENANCE SUPERVISOR, MECHANICAL
MANAGER, AREA DEVELOPMENT
area-development consultant
MANAGER, COMMERCIAL SALES
MANAGER, INDUSTRIAL SALES
MANAGER, RESIDENTIAL SALES
MANAGER, UTILITY SALES AND SERVICE
general superintendent, power sales and service
MANHOLE MECHANIC
METER-AND-REGULATOR-SHOP FOREMAN
meter-shop foreman
regulator-and-meter shop foreman
METER INSPECTOR
METERMAN, OUTSIDE
METER MECHANIC
gas-meter mechanic
METER-ORDER CLERK
route-book clerk
METER READER
METER READER, CHIEF

light, heat, & power—continued

METER-REPAIR-SHOP FOREMAN
meter-shop foreman
MILL-AND-COAL-TRANSPORT OPERATOR
coal-transport-and-mill operator
mill operator
MOTOR-ROOM CONTROL MAN
OBSERVER, WATER-SALES-MEASUREMENTS
water-measurements observer
ODORIZATION MAN
gas quality man
OPERATION SUPERVISOR
chief operating engineer
ORDER CLERK I
ORDER DISPATCHER, CHIEF
OUTSIDE-CONTACT CLERK
OVERHEAD-DISTRIBUTION ENGINEER
PAINTER, GAS HOLDER
PATROLMAN
PIPE FITTER, STREET SERVICE
PIPEMAN I
POLE FRAMER
line-and-frame poleman
POLE INSPECTOR
field inspector
pole tester
POLE-TRUCK DRIVER
POLEYARD FOREMAN
POWERHOUSE REPAIRMAN
station mechanic
POWERHOUSE-REPAIRMAN APPRENTICE
machinist apprentice
station-mechanic apprentice
POWERHOUSE-REPAIRMAN HELPER
generation-mechanic helper
station-mechanic helper
POWERHOUSE RUNNER
generating-substation operator assistant
power-plant floorman
switchboard-operator helper
POWER-PLANT ENGINEER
POWER-REACTOR OPERATOR
reactor operator
POWER-TRANSFORMER REPAIRMAN
transformer assembler
PRESSURE FOREMAN
pressure-control supervisor
regulation foreman
PRESSURE MAN
pressure-control man
PRIMARY METERMAN
PROTECTION ENGINEER
PUMPMAN, GAS PLANT
RADIO INVESTIGATOR
radio-interference troubleman
radioman
radio troubleman
RATE REVIEWER
RECTIFIER OPERATOR
RECTIFIER OPERATOR HELPER
RECTIFIER SHIFT LEADER
REGULATOR INSPECTOR
regulator maintenance man
RELAY ENGINEER
RELAY-SHOP FOREMAN
chief, relay man
lead relay tester
RELAY-TECHNICIAN JOURNEYMAN
RELAY TESTER
network-relay tester
relay-shop tester
RELAY-TESTER HELPER
REPAIRMAN
RUBBER-GOODS TESTER
safety-equipment tester
RURAL-SERVICE ENGINEER
SAFETY INSPECTOR
SALESMAN, ELECTRIC SERVICE
SALESMAN, GAS-OR-ELECTRIC APPLIANCES
SALESMAN, GAS SERVICES
SALESMAN, PUBLIC UTILITIES
commercial sales representative
SALESMAN, RURAL POWER
SALVAGE MAN
SALVAGE REPAIRMAN I
SALVAGE REPAIRMAN II
SALVAGE SUPERVISOR
SERVICE-CREW FOREMAN
SERVICE FOREMAN I
complaint foreman
superintendent, service
SERVICE FOREMAN II
SERVICE INVESTIGATOR
SERVICE SUPERVISOR
SHOP FOREMAN
SLOW-MOTION TESTER
STATISTICIAN, ELECTRIC POWER
STEAM-DISTRIBUTION ENGINEER
STEAM-DISTRIBUTION FOREMAN
chief-maintenance man
STEAM METERMAN
meter repairman
STEAM METER READER
STEAM-PLANT RECORDS CLERK
STEAM SERVICEMAN
inspector, outside steam-distribution
manhole-and-underground-steam-line inspector
pipeman, steam
steam-line-maintenance man
underground-steam-line-and-manhole inspector
STEEL-POST INSTALLER
laborer, pole crew
pole setter
STEEL-POST-INSTALLER FOREMAN
STREET-LIGHT MAN
arc trimmer
boulevard-glassware cleaner
boulevard-glassware replacer
carbon-lamp cleaner
lamp cleaner, street light
street-light changer-and-renewer
street-light inspector
STREET-LIGHT REPAIRMAN I
STREET-LIGHT-REPAIRMAN HELPER
STREET-LIGHT SERVICEMAN
street-light repairman
STREET-LIGHT-SERVICEMAN FOREMAN
STREET-OPENINGS INSPECTOR
public improvement inspector
SUBSTATION ENGINEER
SUBSTATION INSPECTOR
SUBSTATION INSPECTOR, AUTOMATIC
SUBSTATION OPERATOR
power-switchboard operator
receiving-distribution-station operator
SUBSTATION-OPERATOR APPRENTICE
SUBSTATION OPERATOR, AUTOMATIC
SUBSTATION OPERATOR, CHIEF
SUBSTATION OPERATOR, CONVERSION
SUBSTATION OPERATOR, DISTRIBUTION
SUBSTATION OPERATOR, GENERATION
SUBSTATION-OPERATOR HELPER, GENERATION
SUBSTATION OPERATOR, TRANSFORMING
SUPERINTENDENT, CUSTOMER RECORDS DIVISION
SUPERINTENDENT, DISTRIBUTION I
chief power dispatcher
district manager
manager, electric distribution department
SUPERINTENDENT, DISTRIBUTION II
superintendent, city plant
superintendent, gas distribution
superintendent, operations division
SUPERINTENDENT, ELECTRIC POWER
manager, public utility, rural
SUPERINTENDENT, GAS PLANT
SUPERINTENDENT, GENERATION
superintendent, operations
superintendent, plant
SUPERINTENDENT, LOCAL
distribution district foreman
SUPERINTENDENT, METERS
meter engineer
SUPERINTENDENT, PAY-ROLL DIVISION
SUPERINTENDENT, SYSTEM OPERATION
planning division superintendent
SUPERINTENDENT, TESTS
chief-plant-betterment engineer
SUPERINTENDENT, TRANSMISSION
transmission maintenance superintendent
SUPERVISOR, ACCOUNTS RECEIVABLE
SUPERVISOR, CASHIERS
SUPERVISOR, ESTIMATOR AND DRAFTSMAN
SUSPENSE CLERK
SUSPENSE-RETIREMENT-CLEARANCE-LEDGER CLERK
SWITCHBOARD OPERATOR
generator-switchboard operator
switchboard man
SWITCH INSPECTOR
SYSTEM-PLANNING ENGINEER
development-and-planning engineer
planning engineer
TABLE INSTALLER
TAMPERING INSPECTOR
electric-meter inspector
TAX RECORD CLERK
TELLER
TIN-CASE-METER REPAIRMAN
TOWERMAN
TOWER-TRUCK DRIVER
TRAFFIC-SIGNAL REPAIRMAN
TRANSFORMER-COIL WINDER
TRANSFORMER-STOCKROOM MAN
TRANSFORMER TESTER
TRANSMISSION ENGINEER
electrical-transmission engineer
transmission-and-coordination engineer
transmission-line engineer
TREE TRIMMER
tree trimmer, line clearance
tree-trimming-line technician
TREE-TRIMMER GROUNDMAN
groundman, tree trimming
TREE-TRIMMING FOREMAN
TROUBLE MAN II
emergency lineman
service lineman
trouble shooter
TURBINE-AND-ENGINE OPERATOR
TURBINE ATTENDANT
TURBINE OPERATOR
turbogenerator operator
TURBINE OPERATOR, HEAD
TURN-OFF-AND-TURN-ON MAN
meterman
UNDERGROUND-DISTRIBUTION ENGINEER
UNDERGROUND FOREMAN
UNDERGROUND REPAIRMAN
UTILITY INSPECTOR
UTILIZATION ENGINEER
VOLTAGE TESTER
test lineman
WATER-GAS MAKER
blue-gas maker
gas maker, blue-gas
water-gas-generator operator
WATER-GAS MAKER, CARBURETED
gas maker, carbureted water
WIREMAN FOREMAN
electrician-constructor foreman
WIREMAN HELPER
WIREMAN, MAINTENANCE
electrical mechanic
WIREMAN, STREET LIGHT
WORK-ORDER-SORTING CLERK

lime—LIME INDUSTRY: This industry covers the production of lime, chiefly from limestone, but to a small extent from shell and other substances. The most important types of lime are quicklime, and hydrated or slaked lime.

BURNT-LIME DRAWER
FOREMAN, LIME
HYDRATOR OPERATOR
KILN CLEANER
KILN-OPERATOR HELPER
kiln-fireman helper
LIME-KILN OPERATOR
kiln fireman
lime burner
LIME SLAKER
lime mixer
lime-plant operator
milk-of-lime slaker
slaker
MIXER OPERATOR
ROTARY-KILN OPERATOR
VERTICAL-KILN OPERATOR

linoleum—LINOLEUM AND ALLIED PRODUCTS INDUSTRY: This industry embraces occupations in the production of linoleum, printed felt-base rugs, and other hard surface floor coverings, such as asphalt tile, cork tile, rubber tile, and vinyl tile. Generally, linoleum products are made by coating heavy burlap, canvas, or felt with a viscous mixture of linseed oil, resin, fillers, and pigments. Occupations in the production of burlap, canvas, felt, or similar backing material for hard surface floor coverings are found in the TEXTILE INDUSTRY (textile).

BACKING-IN-MACHINE OPERATOR
BIGHT MAKER
BREAKER FEEDER
CALENDER OPERATOR
CARRIAGE FEEDER
CARRIER GUIDER
COATING-MACHINE OPERATOR
coater
COATING-MACHINE-OPERATOR HELPER
loop tender
rollman
COLOR RECEIVER
COLOR WEIGHER
pigment weigher
COMPOSITION MIXER
mixer operator
CONTROLS OPERATOR, MOLDED GOODS
CRUSHER TENDER
frame-and-scrap crusher
frame crusher
scrap crusher
CUTTER
DEFECT MAN
DESIGN ASSEMBLER
DIP GUIDER, STOVES
EMBOSSING-PRESS OPERATOR, MOLDED GOODS
embossing-press operator
GAGE MAN
GUIDER
INSET CUTTER
INSPECTION CLERK
roll-up helper
INSPECTOR
LOWERATOR OPERATOR
MECHANICAL OXIDIZER
MOTTLER OPERATOR
OVEN OPERATOR
PAINT POURER
PRESS-MACHINE OPERATOR
PRINTER, FLOOR COVERING
PRINTER, FLOOR COVERING, ASSISTANT
PULL-OUT OPERATOR
PUNCH-PRESS OPERATOR
RACKMAN
ROLLER BOSS
mixing-roll operator
ROLL GUIDER, MOLD GOODS
ROLL-UP GUIDER OPERATOR
guider and roll-up operator
RUG CUTTER
RUG INSPECTOR
SATURATION-EQUIPMENT OPERATOR
tank operator
SCRATCHER TENDER
SCRATCH-STORAGE OPERATOR
SIDE GUIDER
SPLASH-LINE OPERATOR
marbleizing-machine tender
SPLICER
dry-felt splicer
SPOT PICKER, MOLDED GOODS
spot picker
STOVE-BOTTOM MAN
STOVE-CARRIAGE OPERATOR
STRICKLER ATTENDANT
color-depositing-machine tender
STRICKLER FEEDER
feeder, color-depositing machine
TABLE WORKER
spotter
TILE INSPECTOR
TILE-POWER-SHEAR OPERATOR
WEIGHER AND CHARGER
mixer charger
WIDE-PIECE-GOODS INSPECTOR
WINDER OPERATOR
roll-up operator

loco. & car bldg. & rep.—RAILROAD LOCOMOTIVE AND CAR BUILDING AND REPAIRING INDUSTRY: Covered by this designation are occupations concerned with building, rebuilding, and repairing railroad cars and locomotives carried on by steam railroad, electric railroad, diesel railroad, diesel-electric railroad, and street railway repair shops, car- and locomotive-building companies, and other establishments, such as petroleum refineries and mines.

ACCESSORIES REPAIRMAN
AIR-COMPRESSOR MECHANIC
compressor repairman
AIR-VALVE REPAIRMAN
BATTERY INSPECTOR
BEARING-PRESS-MACHINE OPERATOR

CAR BUILDER, MASTER
general-car foreman
superintendent, car construction
CAR INSPECTOR
trouble man
CAR LETTERER
CARMAN
drop-pit man
machinist
CARMAN APPRENTICE
machinist apprentice
CARMAN FORMAN
CARMAN HELPER
machinist helper
CARPENTER, STREETCAR
CAR-ROOF REPAIRMAN
CAR SCRUBBER
car cleaner
passenger-car scrubber
CAR STRAIGHTENER
CAR TESTER
CAR-TOP BOLTER
CAR TRIMMER
trimmer
CAR VARNISHER
CONTROLLER REPAIRMAN
control inspector
DESTINATION-SIGN REPAIRMAN
DOOR-ENGINE REPAIRMAN
DRILLER
driller, portable
ELECTRICAL INSPECTOR
ELECTRICIAN, CONTROL EQUIPMENT
ELECTRICIAN, LOCOMOTIVE
ELECTRIC-MOTOR FITTER
car repairman
motor assembler
motor overhauler
FLOOR-COVERING LAYER
FOREMAN, CAR INSTALLATIONS
FOREMAN, ELECTRICAL
FOREMAN, ERECTION SHOP
FOREMAN, WHEEL SHOP
FREIGHT-AIR-BRAKE FITTER
air-brake man
GREASER, JOURNAL BOX
doper
LOCOMOTIVE INSPECTOR
pit inspector
LOCOMOTIVE REPAIRMAN, DIESEL
MECHANICAL-UNIT REPAIRMAN
RAILROAD-CAR-TRUCK BUILDER
RAILROAD WHEELS AND AXLE INSPECTOR
wheel and axle inspector
ROUNDHOUSE FOREMAN
foreman, roundhouse
SALVAGE INSPECTOR
SASH REPAIRMAN
SPRAYER, RAILROAD CAR
STENCIL CUTTER
STREETCAR REPAIRMAN
car-body inspector
STREETCAR-REPAIRMAN HELPER
car-body-inspector helper
STREETCAR SANDBOX AND LIFEGUARD-UNIT REPAIRMAN
STRIPPER
TANK-CAR REPAIRMAN
TRIPLE-AIR-VALVE TESTER
test rack operator
VARNISH RUBBER
WHEEL FITTER
WHEEL-PRESS OPERATOR
WINDOW CLEANER
WINDSHIELD-WIPER REPAIRMAN
WIREMAN, PASSENGER CAR
WORK-CAR OPERATOR

logging—LOGGING INDUSTRY: Covered by this industry are occupations concerned with cutting trees in the forest; preparation in the forest of mine timbers, stave bolts, and other forest products; and transportation of logs from forest to sawmills or pulpmills, exclusive of those occupations that normally involve railroad transportation. Gathering pine resin and preparation of turpentine and rosin are included in the TURPENTINE AND ROSIN INDUSTRY (turp. & rosin).

AIR-TONGS OPERATOR
BARK FITTER
fitter
preparer
ringer
BOAT TENDER
BOOMBOAT OPERATOR
boomdozer operator
BOOM FOREMAN
boom man, head
BOOM MAN
catchman
log sorter
BOTTOM MAKER
BUCKER
crosscutter
log maker
power saw man
BUCKER, HEAD
bull bucker
saw boss
timber foreman
BUCK SWAMPER
swamper foreman
BUSH MONKEY
CAMP COUPLE
CARTER
CAT CHASER
CHASER
block tender
landing man
CHIEF CRUISER
CHOKERMAN
choke setter
CHOPPER, HEAD
COMPASS MAN
CORDWOOD CUTTER
pulpwood cutter
wood chopper
CRUISER
estimator
land inspector
land looker
timber cruiser
timber estimator
timberman
timber rider
valuer
DECKMAN
DONKEY ENGINEER
cable operator
donkey puncher
leverman
FALLER
chopper
cutter
lumber faller
timber cutter
tree faller
FALLER, SECOND
FIRE PATROLMAN
FOREMAN, LOGGING
logging foreman
FOREST ENGINEER
GATE TENDER
HEEL-BOOM OPERATOR
HEWER
timber hewer
HIGH CLIMBER
climber
high rigger
rigger
squirrel man
topper
HOOK TENDER
choker, head
choker-booker, head
skidder booker
yard boss
HORSE INSPECTOR
INSTRUCTOR, LOGGING
cut inspector
logger instructor
JAMMER
JAMMER OPERATOR
hoister
LANDING SCALER
LIMBER
brusher
brutter
knot bumper
LOADER, HEAD
loader, first
LOG BRANDER
marker
LOG DRIVER
driver
river driver
riverman
LOGGER, ALL-ROUND
all-round man
stock cutter
LOGGING-ARCH OPERATOR
LOGGING CONTRACTOR
jobber
LOGGING-EQUIPMENT MECHANIC
LOGGING-OPERATIONS INSPECTOR
inspector, cruiser
LOGGING-TRACTOR OPERATOR
LOG GRADER
log marker
LOG LOADER
LOG-LOADER OPERATOR
LOG MARKER
scaler
LOG SCALER
lumber scaler
pulpwood scaler
LOG-STACKER OPERATOR
LOG-TRUCK DRIVER
log hauler
LUNCHMAN
MUSKEG OPERATOR
PEELER
bark peeler
log peeler
rosser
spudder
PIECE MAKER
piece cutter
pulpwood cutter
PLUG SETTER
POLE AND PILING CUTTER
PULLBOAT ENGINEER
PULP PILER
pulp roller
RAFTER
raftsman
RIGGER, SECOND
groundman
rigger, extra
rigger helper
RIGGER, THIRD
rigger helper
RIGGING SLINGER
RIVER
froeman
picket maker
pole sawyer
timber splitter
RIVER BOSS
RIVERMAN I
ROAD MAKER
roadman
RUTTER MAN I
RUTTER MAN II
SECOND LOADER
log stower
sky hooker
top loader
SHAKE SPLITTER
SHINGLE-BOLT CUTTER
SHOVEL-LOADER OPERATOR
SIDE BOSS
SIDE-LINE MAN
SKID ADZER
SKIDDER LEVERMAN
SKID-GRAPPLE OPERATOR
SLASH BURNER
SLASH PILER
SLED TENDER
chain tender
frogger
trailer
zoogler
SNAKER
skid teamster
SPEEDERMAN
SPRINKLER MAN
STAVE-BLOCK SPLITTER
STEEL-SPAR OPERATOR
STULL HEWER
STUMPER
SUPERINTENDENT, LOGGING
SWAMPER
beaver
bush-cutter
gutterman
path cutter
right-of-way man
road cutter
run cutter
trail cutter
THIRD LOADER
TIE HEWER
TIE MAKER
TIMBER BOSS
walking boss
TIMBER MARKER
lay-tree marker
marker
tree marker
TONGS HOOKER
TRIPLE-DRUM OPERATOR
TRUCK DRIVER
WATER HAULER
WHISTLE PUNK
flagman
lookout
signalman
WINCH-TRUCK OPERATOR
WOODSMAN
YARDER ENGINEER

macaroni & rel. prod.—MACARONI AND RELATED PRODUCTS INDUSTRY: This industry embraces occupations in the manufacture of such dried flour products as macaroni, noodles, spaghetti, and vermicelli.

CUTTER
DIE CLEANER
DRIER, LONG GOODS
long-goods drier
DRIER OPERATOR
DRIER, SHORT GOODS
utility man
FLOUR DISTRIBUTER
blender
bulk-system operator
FLOUR DISTRIBUTER—Con.
pneumatic-systems operator
LONG-GOODS HELPER, MACHINE
NOODLE MAKER
NOODLE PRESSMAN
PRESSMAN
PRESSMAN, LONG GOODS
PRESSMAN, SHORT GOODS
SCRAPMAN
STRIPPER-CUTTER, MACHINE
sawyer

mach. mfg.—MACHINERY MANUFACTURING INDUSTRY: This industry includes occupations concerned with the manufacture of all types of machinery not elsewhere classified. Typical of the products of the industry are construction, mining, and related machinery; oil-field machinery and tools; food-products machinery; textile machinery; woodworking machinery; papermill, pulpmill, and paper-products machinery; printing-trades machinery; smelting and refining equipment; foundry machinery and equipment; and household and service-industry machines. Most of the occupations covered by this designation are included under the designation MACHINE SHOP (mach. shop); the manufacture of metalworking machinery and accessories is included in the MACHINE TOOLS AND ACCESSORIES INDUSTRY (mach. tool & access.).

ASSEMBLER
ASSEMBLER, MINING MACHINERY
hydraulic and mechanical assembler
mining machinery assembler
AUTOMATED EQUIPMENT ENGINEER-TECHNICIAN
engineer, automated equipment
technician, automated equipment
BALL SORTER
ball checker-gager
BARREL ATTENDANT, LAP BALL CLEANER
BEARING-RINGER ASSEMBLER
unit assembler
BLOWER AND COMPRESSOR ASSEMBLER
BRAKEMAKER, DONKEY ENGINE
CALENDER-ROLL PRESSMAN
pressman
COMPRESSOR ASSEMBLER
CRUSHER ASSEMBLER
FINAL INSPECTOR, FOOD PACKAGING EQUIPMENT
FIT-UP MAN
FRAME ASSEMBLER
GASKET FITTER
glue-machine operator
HEDDLE COUNTER
HEDDLE EXAMINER
HEDDLE-MACHINE OPERATOR
HEDDLE RECONDITIONER
HELPER CLEANER
JIG FITTER
assemblyman
fit-up man, jig
LABORATORY HELPER
MACHINE ASSEMBLER
MACHINE BUILDER
bench hand
fitter
MACHINE BUILDER—Con.
machinist, bench
vise hand
MACHINERY CRATER
MACHINERY ERECTOR
erector
heavy machinery assembler
MANUFACTURER'S SERVICE REPRESENTATIVE
field engineer
field serviceman
service engineer
serviceman
service representative
PISTON-RING INSPECTOR
PUMP ASSEMBLER
PUMP TESTER
gasoline-pump tester
rotary-pump tester
REED MAKER
ROLLER-BEARING INSPECTOR
roller-bearing assembler
RUBBER LINER
liner
rubber insulator
SALVAGE ENGINEER
SERVICE SUPERVISOR, LEASED MACHINERY
machinery-service supervisor
SEWING-MACHINE ASSEMBLER
SEWING-MACHINE ATTACHMENT TESTER
SEWING-MACHINE TESTER
SUBASSEMBLER
TANK INSULATOR, RUBBER
TESTER, SOUND
bearing inspector
VALVE LINER, RUBBER
VIBRATOR ASSEMBLER
VIBRATOR-EQUIPMENT TESTER
tester, vibrator equipment

mach. shop—MACHINE SHOP: This designation covers occupations occurring in job, repair, and production machine shops except those that are peculiar to individual industries and those occurring in mass production industries in which the work is highly repetitive and of limited scope, not requiring more than superficial knowledge of immediate processes involved. Aside from these exceptions the classification covers all machine-shop occupations, whether they occur in independently operated machine shops or in machine shops that are operated in conjunction with establishments in various industries.

mach. shop—continued

ASSEMBLER, PRODUCT
assembler
erector
AUTOMATIC-WHEEL-LINE OPERATOR
BABBITTER
BLANCHARD-GRINDER SET-UP OPERATOR
Blanchard grinder
Blanchard-surface-grinder operator
grinder, Blanchard
grinder, hand
rotary-surface-grinder, Blanchard
surface grinder, Blanchard
vertical-spindle-rotary-table-surface-grinder operator
BOLT-THREADING-MACHINE OPERATOR
BORING-MACHINE OPERATOR
boremat operator
BORING-MACHINE OPERATOR, PRODUCTION
production-boring-machine operator
BORING-MILL SET-UP OPERATOR, HORIZONTAL
horizontal-boring-drilling-and-milling-machine operator
horizontal-boring-mill operator
Lucas-type-boring-mill operator
BORING-MACHINE SET-UP OPERATOR, JIG
jig-borer
BRASS RECLAIMER
BROACH GRINDER
BROACHING-MACHINE OPERATOR, PRODUCTION
broach operator
production broacher
production-broaching-machine operator
BROACHING-MACHINE SET-UP OPERATOR
broacher
broaching-machine hand
broaching-machine operator
broaching-press operator
broach operator
power broacher
BURRER
CARBIDE-DIE MAKER
CARBIDE OPERATOR
CENTERLESS-GRINDER OPERATOR, PRODUCTION
CHUCKING-MACHINE SET-UP MAN
chucking-lathe set-up man
CHUCKING-MACHINE SET-UP OPERATOR
chucking-lathe operator
CHUCKING-MACHINE SET-UP OPERATOR, MULTIPLE SPINDLE, VERTICAL
bullard operator
continuous-lathe operator
mult-au-matic operator
multi-station-vertical-chucking-lathe operator
CHUCKING-MACHINE SET-UP OPERATOR, TOOL
CONNECTING-ROD INSPECTOR
CUT-OFF-SAW OPERATOR, METAL
cut-off man
DIAMOND-DIE MAKER
DIE BARBER
DIE CHECKER I
die-design checker
DIE DESIGNER
design leader
die-design draftsman
die-developing man
DIE-DESIGNER APPRENTICE
DIE FINISHER
die fitter
DIE MAKER APPRENTICE
DIE MAKER, BENCH, STAMPING
bench die maker
die maker
stamping-die maker, bench
DIE MAKER, DIECASTING AND PLASTIC MOLDING
die-cast-die-and-plastic-mold maker
die-cast-die maker
die maker, plastic molds and diecasting dies
mold maker, plastic molds
plastic-mold-and-die-cast-die maker
plastic-mold maker
DIE MAKER, FOUR-SLIDE MACHINE
tool maker, four-slide machine
DIE MAKER, STAMPING
body-die maker
stamping-die maker
DIE MAKER, TRIM
trim die maker
trimmer maker
DIE MAKER, WIRE DRAWING
DIE REPAIRMAN, DIECASTING AND PLASTIC MOLDING
DIE REPAIRMAN, FORGING
DIE REPAIRMAN, STAMPING
DIE REPAIRMAN, TRIMMER DIES
DIE SINKER
forging-die sinker
DIE SINKER, BENCH
bench hand, blocking and breakdown
benchman, die sinking
die maker, forge
forging die maker
DIE-TEMPLATE MAKER, EXTRUSION
extrusion-die-template maker
template maker, extrusion die
DIE-TRY-OUT MAN, STAMPING
try-out man
DO-ALL-SAW OPERATOR
contour-band-sawing-machine operator
sawing-machine operator
DRILL-PRESS OPERATOR, PRODUCTION
drilling-machine operator, production
production-drilling-machine operator
production-drill-press operator
DRILL-PRESS OPERATOR, TAPE CONTROL
tape control drill-press operator
DRILL-PRESS SET-UP OPERATOR, MULTIPLE SPINDLE
drill-press operator
drill-press operator, multiple spindle
gang-drill-press operator
multiple-spindle-drilling-machine operator
DRILL-PRESS SET-UP OPERATOR, RADIAL
drill-press operator, radial
radial-drill hand
radial-drill-press operator
DRILL-PRESS SET-UP OPERATOR, RADIAL, TOOL
drill-press operator, radial, tool
radial-drill-press operator, tool
tool-radial-drill-press operator
DRILL-PRESS SET-UP OPERATOR, SINGLE SPINDLE
drilling-machine operator
drill-press operator
single-spindle-drill-press operator
spindle-drill operator
DRILL SHARPENER
EDGER MAN
ELECTRICAL-DISCHARGE-MACHINE OPERATOR, PRODUCTION
elox operator, production
production electrical-discharge-machine operator
ELECTRICAL-DISCHARGE-MACHINE SET-UP OPERATOR
elox-machine operator
ELECTRICIAN, MACHINE SHOP
ENGINE-LATHE SET-UP OPERATOR
bench-lathe operator
lathe, hand
ENGINE-LATHE SET-UP OPERATOR, TOOL
precision-lathe operator
tool-room-lathe operator
ENGRAVER, TIRE MOLD
engraver, mold
engraving-machine operator, tire mold
mold engraver, tire
skid-machine operator
tire-mold engraver
EXTERNAL-GRINDER OPERATOR, PRODUCTION
FILER, HAND, TOOL
hand filer, tool
precision filer, hand
tool filer, hand
FINAL FINISHER, FORGING DIES
die-finisher, forging
finisher, forging dies
forging-die finisher
FITTER
GAGE MAKER
GEAR BURNISHER
GEAR CLEANER
GEAR-CUTTING-MACHINE OPERATOR, PRODUCTION
hob mill operator
production-gear cutter
GEAR-CUTTING-MACHINE SET-UP OPERATOR
all-round-gear-machine operator
gear cutter
gear-machine operator, general
GEAR-CUTTING-MACHINE SET-UP OPERATOR, TOOL
gear cutter
gear shaper
tool-room gear-machine operator
GEAR-GENERATOR SET-UP OPERATOR, SPIRAL BEVEL
curved-tooth-gear-generator operator
Gleason-gear generator
hypoid-gear generator
spiral-gear generator
GEAR-GENERATOR SET-UP OPERATOR, STRAIGHT BEVEL
bevel-gear-generator operator
generator operator, straight bevel gear
Gleason-gear generator
straight-tooth-gear-generator operator
GEAR HOBBER SET-UP OPERATOR
hobbing-machine operator
GEAR INSPECTOR
GEAR-LAPPING-MACHINE OPERATOR
gear finisher
gear nicker
gear-tooth-lapping-machine operator
GEAR-MILLING-MACHINE SET-UP OPERATOR
milling-machine operator, gear
GEAR ROLLER
soft-roll-try-out man
GEAR-SHAPER SET-UP OPERATOR
GEAR-SHAVER SET-UP OPERATOR
GEAR-SORTING-MACHINE OPERATOR
coding machine operator
gear-coding-machine operator
inspector, gear sorting
GRINDER, GEAR
gear grinder
gear-grinding-machine operator
gear-tooth-grinding-machine operator
grinder, hand
GRINDER OPERATOR, EXTERNAL, TOOL
cylindrical grinder, tool
external-cylindrical-grinder operator
external grinder, tool
grinder, hand
o.d. grinder, tool
outer-diameter grinder, tool
precision grinder, external
GRINDER OPERATOR, INTERNAL, TOOL
grinder, hand
i.d. grinder, tool
GRINDER OPERATOR, INTERNAL, TOOL—Con.
inner-diameter grinder, tool
internal grinder, tool
internal-grinding-machine hand
internal-grinding-machine operator
precision grinder
GRINDER OPERATOR, PRODUCTION
grinder, hand
production grinder
GRINDER OPERATOR, SURFACE, TOOL
grinder, hand
precision grinder, surface
rotary-surface grinder
surface grinder
surface grinder, tool
surface-grinding-machine hand
GRINDER OPERATOR, TOOL
precision grinder
GRINDER OPERATOR, UNIVERSAL, TOOL
precision grinder, universal
universal grinder, tool
GRINDER SET-UP MAN
set-up man, grinding machines
GRINDER SET-UP OPERATOR, CENTERLESS
centerless grinder
centerless-grinder operator
centerless-grinding-machine operator
grinder, hand
grinder operator, centerless
GRINDER SET-UP OPERATOR, EXTERNAL
cylindrical-grinder operator
external grinder
grinder, hand
grinder, operator, external
o.d. grinder
outside-diameter grinder
GRINDER SET-UP OPERATOR, GEAR, TOOL
gear-and-spline grinder
GRINDER SET-UP OPERATOR, INTERNAL
grinder, hand
i.d. grinder
inside-diameter grinder
internal-grinding-machine hand
internal-grinding-machine operator
GRINDER SET-UP OPERATOR, JIG
grinder, jig
jig grinder
jig-grinding-machine operator
precision jig grinder
GRINDER SET-UP OPERATOR, SURFACE
grinder, hand
grinder operator, surface
rotary-surface grinder
surface grinder
surface-grinding-machine operator
GRINDER SET-UP OPERATOR, THREAD
grinder operator, thread
thread grinder
GRINDER SET-UP OPERATOR, THREAD TOOL
precision-thread-grinder operator
thread-grinder tool
HEDDLE-MACHINE FIXER
HOB GRINDER
HONING-MACHINE OPERATOR, PRODUCTION
cylinder honer
honer
honing-machine operator, semiautomatic
production honing machine operator
HONING-MACHINE SET-UP MAN
job setter, honing
set-up man, honing
HONING-MACHINE SET-UP OPERATOR
hone operator
honing-machine operator
HONING-MACHINE SET-UP OPERATOR, TOOL
honing machine operator, tool
job honer
precision-honing-machine operator
INSPECTION FOREMAN
inspector, chief
quality-control foreman
INSPECTOR, FLOOR
roving inspector
INSPECTOR, GAGE
gage checker
INSPECTOR, MAGNETIC
magnaflux operator
steelscope operator
INSPECTOR, SET-UP AND LAY-OUT MAN
INSPECTOR, TOOL
die-and-tool inspector
precision inspector
surface-plate inspector
tool-and-die inspector
tool-and-gage inspector
tool checker
tool investigator
INTERNAL-GRINDER OPERATOR, PRODUCTION
JIG-AND-FIXTURE MAKER
JIG BORER, TAPE CONTROL
tape-control jig borer
JOB SETTER
adjuster
all-around set-up man
machine adjuster
machine setter
machine-set-up man
set-up man
tool setter
KEYSEATING-MACHINE SET-UP OPERATOR
keyseater
keyseater hand
keyseater operator
keyseating-machine operator
LABORER, GENERAL
LACQUERER
LAPPER, HAND
LAPPER, HAND, TOOL
hand lapper, tool
lap hand, tool
precision lap hand
LAPPING-MACHINE OPERATOR, PRODUCTION
micromatic hone operator
production lapping-machine operator

LAPPING-MACHINE SET-UP OPERATOR
lapping-machine operator
LATHE OPERATOR, PRODUCTION
automatic-lathe operator
production-lathe operator
LATHE SET-UP MAN
set-up man, lathes
LATHE SET-UP OPERATOR, LARGE
LAY-OUT MAN
MACHINIST I
machinist, all-around
machinist, first class
machinist, general
machinist, journeyman
machinist, precision
MACHINIST APPRENTICE
machine-shop apprentice
MACHINIST, EXPERIMENTAL
experimental and test mechanic
experimental machinist
MACHINIST, ULTRASONIC
MACHINE SET-UP OPERATOR
machine operator, all-around
machine operator, general
machinist
set-up operator, machine
MACHINE-SHOP FOREMAN, PRODUCTION
MACHINE-SHOP FOREMAN, TOOL
MILLING-MACHINE OPERATOR, PRODUCTION
automatic-milling-machine operator
milling-machine hand
mill operator
production-milling-machine operator
MILLING-MACHINE SET-UP MAN
MILLING-MACHINE SET-UP OPERATOR
milling-machine operator
mill operator
MILLING-MACHINE SET-UP OPERATOR, TOOL
milling-machine hand
precision-milling-machine operator
MILWAUKEE-MATIC OPERATOR
MOLD FINISHER
MOLD STAMPER
MULTI-PURPOSE MACHINE OPERATOR, TAPE CONTROL
tape-control multi-purpose-machine operator
NIPPLE-MACHINE OPERATOR
OIL EXTRACTOR
PANTOGRAPH-MACHINE SET-UP OPERATOR
pantograph operator
PIPE-THREADING-MACHINE OPERATOR
PLANER SET-UP OPERATOR, TOOL
planer operator
PLANER-TYPE-MILLING-MACHINE SET-UP OPERATOR
milling-machine operator
milling-planer operator
slab-miller operator
PLASTIC TOOL MAKER
PRODUCTION-MACHINE OPERATOR
all-around-machine operator
machine hand
machine operator, general
machine-tool operator, all-around
machinist
miscellaneous-machine operator
PROFILING-MACHINE SET-UP OPERATOR
cam-milling-machine operator
die-sinking-machine operator
Hydro-Tel operator
Keller operator
profiler
PROFILING-MACHINE SET-UP OPERATOR, TOOL
duplicator
milling-machine operator, profiling
profiler
profiling-machine operator
tracer-controlled-milling-machine operator
PROGRESSIVE-DIE MAKER
transfer-die maker
trans-mat die maker
PUNCH FINISHER
REAMER, HAND
REAMER OPERATOR
ROTARY-HEAD-MILLING-MACHINE SET-UP OPERATOR
milling-machine operator, rotary head
SCRAPER, HAND
hand scraper
scraper
SCRAP WHEELER
SCREW-MACHINE OPERATOR, MULTIPLE SPINDLE, JOBBING
automatic-screw-machine operator
bar-machine operator, multiple spindle
multiple-spindle-screw-machine operator
screw-machine operator
SCREW-MACHINE OPERATOR, PRODUCTION
automatic-screw-machine operator
bar-machine operator, production
screw machine operator
screw machine tender
SCREW-MACHINE OPERATOR, SINGLE SPINDLE, JOBBING
automatic-screw machine operator
bar-machine operator, single spindle
screw-machine operator
single-spindle-screw-machine operator
SCREW-MACHINE REPAIRMAN
SCREW-MACHINE SET-UP MAN, MULTIPLE SPINDLE, JOBBING
automatic-screw-machine set-up man
bar-machine set-up man, multiple spindle
multiple-spindle-screw-machine set-up man
screw-machine set-up man
SCREW-MACHINE SET-UP MAN PRODUCTION
automatic-screw-machine set-up man
bar-machine set-up man, production
screw-machine set-up man
SCREW-MACHINE SET-UP MAN, SINGLE SPINDLE, JOBBING
automatic-screw-machine set-up man
bar-machine set-up man, single spindle
screw-machine set-up man
single-spindle-screw-machine set-up man
SCREW-MACHINE SET-UP OPERATOR, MULTIPLE-SPINDLE, JOBBING
automatic-screw-machine operator
bar-machine operator, multiple spindle
multiple-spindle-screw-machine operator
screw-machine operator
SCREW-MACHINE SET-UP OPERATOR, PRODUCTION
automatic-screw-machine operator
bar-machine operator
screw-machine operator
semiautomatic-screw-machine operator
SCREW-MACHINE SET-UP-OPERATOR, SINGLE SPINDLE, JOBBING
automatic-screw machine operator
bar-machine operator, single spindle
screw-machine operator
single-spindle-screw-machine operator
SCREW-MACHINE SET-UP OPERATOR, TOOL
SHAPER SET-UP OPERATOR, TOOL
shaper machine hand
shaper operator
shaping-machine operator
SHEET-STEEL INSPECTOR
SORTER
SURFACE-GRINDER OPERATOR, PRODUCTION
TAPE-CONTROL-MACHINE OPERATOR
numerical-control-machine operator
TAPPER OPERATOR
THREADING-MACHINE FEEDER, AUTOMATIC
THREADING-MACHINE OPERATOR
THREADING-MACHINE SET-UP MAN
set-up man, threading machine
THREAD-MILLING-MACHINE SET-UP OPERATOR
TOOL-AND-DIE FOREMAN
TOOL-AND-DIE MAKER
die-and-tool maker
TOOL-AND-DIE MAKER APPRENTICE
TOOL-AND-DIE REPAIRMAN
TOOL-GRINDER OPERATOR
cutter grinder
cutter-grinder operator
grinder operator
tool dresser
tool grinder
tool-grinding-machine operator
tool sharpener
TOOL-MACHINE SET-UP OPERATOR
all-around-machine operator
general-machine-tool operator
machine hand
machine operator
machine-tool operator, all around
machine-tool operator, general
machinist
set-up operator, tool
tool-machine operator
tool-room machine operator
TOOL MAKER
TOOL-MAKER APPRENTICE
TOOL MAKER, BENCH
benchman
bench tool maker
TOOL MARKER
TOOL REPAIRMAN
TOOL REPAIRMAN, BENCH
TRACING-LATHE SET-UP OPERATOR
TRANSFER-MACHINE OPERATOR
automatic-transfer-machine operator
TURRET-LATHE SET-UP MAN
TURRET-LATHE SET-UP OPERATOR
TURRET-LATHE SET-UP OPERATOR, TOOL
TURRET-LATHE SET-UP OPERATOR, TOOL, VERTICAL
VALVE GRINDER
valve lapper

mach. tool & access.—MACHINE TOOLS AND ACCESSORIES INDUSTRY: This industry embraces occupations in the manufacture of power-driven machines, such as lathes, milling machines, and planers, and the manufacture of accessories for such metal working machines as milling cutters, reamers, taps, twist drills, and dies for the direct machining of metal. Most of the occupations covered by this designation are included under the designation MACHINE SHOP (mach. shop).

BROACHING-MACHINE MAN
CHIEF ENGINEER
DIAMOND MOUNTER
diamond setter
DIE FILER
HONING-MACHINE TRY-OUT MAN
MACHINE BUILDER
bench hand
MACHINE BUILDER—Con.
fitter
machinist, bench
vise hand
MACHINE TRY-OUT MAN
MANUFACTURER'S SERVICE REPRESENTATIVE
field engineer
field serviceman
service engineer
serviceman
MANUFACTURER'S SERVICE REPRESENTATIVE—Con.
service representative
PLASTER-PATTERN CASTER
patternmaker, plaster
plaster man
PLASTIC-FIXTURE BUILDER
model maker, plastic
plastic duplicator
PLASTIC LAY-UP MAN
plastic duplicator

malt liquors—MALT LIQUORS INDUSTRY: This industry embraces occupations concerned with the production of malt liquors, of which the major types are ale, beer, porter and stout. The principal functions include processing barley into malt, processing malt into malt liquors by the addition of grain and yeast, and, in certain instances, the manufacture of near-beer from beer containing the normal quantities of alcohol.

BARLEY STEEPER
steeper
steep man
BARREL-DE-DENTING-MACHINE OPERATOR
barrel de-denter
de-dent-machine operator
BIN CLEANER
sanitation man
BOTTLE-HOUSE PUMPER
BOTTLE-HOUSE QUALITY-CONTROL TECHNICIAN
quality-control technician
BOTTLE PACKER
caser
BREWMASTER
brewing director
director
BREWMASTER, FERMENTING
BREWMASTER, LAGERING
BREWMASTER, MALTING
CAN-FILLING-ROOM SWEEPER
CAN INSPECTOR
closing-and-filling loader
seam checker
CARBONATION MAN
CAR CHASER
CAR-DUMPER OPERATOR
car unloader
dumper
CAR-DUMPER-OPERATOR HELPER
car-unloader helper
CASE-LOADER OPERATOR
can-bander operator
six-pack-loader operator
six-pack packer
CELLAR PUMPER
CHIPMAN
chip washer
CONTROL-LABORATORY TECHNICIAN
tester
COOLING-MACHINE OPERATOR
cooler man
cooler operator
DE-ALCOHOLIZER
DEFLECTOR OPERATOR
lights inspector
wine bottle inspector
DROPPER, FERMENTING CELLAR
DRUM MAN I
unloader
FILTER CHANGER
FILTERMAN
head filterman
FILTER-SCREEN CLEANER
FILTER WASHER AND PRESSER
filterman
FILTER WASHER AND PRESSER—Continued
filter-pulp washer
FIREMAN, MALT HOUSE
fireman
kiln fireman
FOREMAN, BOTTLE-HOUSE CLEANERS
FOREMAN, BREW HOUSE
FOREMAN, CARTON AND CAN SUPPLY
FOREMAN, CASE UNLOADING
FOREMAN, CELLARS
FOREMAN, CLEANING
cleaning foreman
FOREMAN, FERMENTING CELLARS
FOREMAN, GRAIN AND YEAST PLANTS
FOREMAN, MALT HOUSE
FOREMAN, SHIPPING ROOM
loading foreman
FOREMAN, SOAKERS
FOREMAN, TANK STORAGE
foreman, finishing department
ruh cellarman, head
FOREMAN, WASH HOUSE
FOREMAN, YARD
GENERAL FOREMAN
general foreman, brew house
general foreman, cellars
staff foreman
GERMINATION WORKER
compartment man
drum man
germination man
temperature man
GLASS-LINED-TANK REPAIRMAN
tank refinisher
tank repairman
GRAIN DRIER
spent-grain drier
GRAIN WEIGHER
scaleman
weigher
HOP STRAINER
hop separator
HOP WEIGHER
weigher
HOT-WORT TANKMAN
wort man
KETTLEMAN I
kettle tender
KETTLEMAN II
KILN LOADER I
kilnman
loader
LABEL CODER
label marker
LABORER, RACK ROOM
corker
filler
racker

malt liquors—continued

LABORER, RACK ROOM —Continued
stacker
stamper
LAUTERTUB MAN
LIGHTOUT MAN
LINE CLEANER
LOADER, MALT HOUSE
compartment man
kiln loader
malt loader
MALT-HOUSE OPERATOR
MALT-SPECIFICATIONS-CONTROL ASSISTANT
MASHER
mash man
mash-tub man
MASH-FILTER-CLOTH CHANGER
cloth changer
MASH-FILTER OPERATOR
filter-press operator
mash-filter-press operator
MILLER
millroom man
OVENMAN
black-malt man
malt roaster
PASTEURIZER
PUMPMAN, BREWERY
cellar worker
RECEIVER, FERMENTING CELLARS
REPACK-ROOM WORKER
RETURNED-CASE INSPECTOR
SAMPLER
sample-pick-up man
SILICA-FILTER OPERATOR
diatomaceous-filter operator
filter-machine operator
SODA-ROOM MAN
STEAMER
soaker-soda man
soda man
STONE CLEANER
carbonating-stone cleaner
SUPERINTENDENT, GRAIN ELEVATOR
SWEEPER, FILLING ROOM
TAPPER
dropper
dropper, tank storage
TESTER, YEAST
WASH-HOUSE MAN
WORT PUMPER
YEAST PUMPER
YEAST PUSHER
yeast-room man

match—MATCH INDUSTRY: This industry includes jobs in the manufacture of matches of all kinds, of which the chief types are safety matches and wood or "strike anywhere" matches.

BLOCK FEEDER
BLOCK INSPECTOR
COMB-MACHINE OPERATOR
COMPOUND FILLER
COMPOUND FINISHER
tempering man
DIPPER
gager
FRICTION-PAINT-MACHINE TENDER
GRINDER OPERATOR
INSPECTOR
MAKE-READY MAN
MIXING MAN
SALVAGER
SLIDE-FORMING-MACHINE TENDER
SLIDE-MACHINE TENDER
WOOD HACKER
block chopper, hand
block hacker
spudder
wood barker

matt. & bedspring—MATTRESS AND BEDSPRING INDUSTRY: This industry includes occupations concerned with assembling coiled (spiral) wire springs into completed bedsprings or into innersprings for mattresses; forming wire and bar frames, and foundations for bedsprings; fabricating, padding, and filling mattress covers with materials such as cotton, sisal, felt, or foam rubber; and tufting, sewing, and finishing assemblies into completed mattresses. The manufacture of individual spiral wire springs is included in the METAL SPRING INDUSTRY (spring).

BAND-TOP MAKER
band-top assembler
BEDSPRING ASSEMBLER
BORDER MEASURER AND CUTTER
border measurer
BOX-SPRING-FRAME BUILDER
BOX-SPRING MAKER
box-spring rebuilder
spring man
BOX-SPRING TOPPER
box-spring coverer
topper
CHAIR-SPRING ASSEMBLER
CLIP-AND-TURN MAN
trimmer
CLOSING-MACHINE OPERATOR
COIL ASSEMBLER, MACHINE
automatic-coil-machine operator
coil tier
finisher
COIL ASSEMBLER, MACHINE—Continued
helical-construction tier
mattress-spring weaver
spring-assembly-machine operator
spring-machine operator
COIL-MACHINE FOREMAN
COTTON PICKER
COVER ASSEMBLER
COVER CUTTER
CRIB-PAD MAKER
CUSHION-SPRING ASSEMBLER
EDGE-WIRE FORMER
EXCELSIOR PICKER
EYELET-PUNCH OPERATOR
FABRICATOR, FOAM RUBBER
assembler
cementer
foam fabricator
FABRIC-MACHINE OPERATOR I
link-wire-fabric-machine operator
FABRIC-MACHINE OPERATOR II
link-fabric-machine operator
link-wire-fabric-machine tender
FABRIC STRETCHER
cot assembler
fabric assembler
flat-spring assembler
FIBER PICKER
FLEX-O-LATOR-MACHINE OPERATOR
FOREMAN, BORDER DEPARTMENT
FOREMAN, CUTTING AND SEWING ROOM
FOREMAN, FINISHING DEPARTMENT
FOREMAN, MATTRESS AND BOXSPRINGS
FOREMAN, STEEL DIVISION
FUMIGATOR AND STERILIZER
sterilizer operator
GARNETTER
felter
felting-machine operator
HANDLE-AND-VENT-MACHINE OPERATOR
HEMMING-AND-TACKING-MACHINE OPERATOR
border-machine operator
padded-box sewer
INSPECTOR
MATTRESS-FILLING-MACHINE TENDER
filler-machine operator
MATTRESS FINISHER
finisher, hand
stitcher, hand
MATTRESS MAKER
MATTRESS PACKER
MATTRESS-SPRING ENCASER II
spring encaser
MATTRESS STRIPPER
PAINTER, SPRING
PICKER-MACHINE OPERATOR
gin feeder
wooling-machine operator
POCKET-MACHINE OPERATOR
pocketed-spring-machine operator
POCKETED-SPRING ASSEMBLER
mattress-spring assembler
racker
QUILTING-MACHINE OPERATOR
RIMMER
ROLL-EDGE-MACHINE OPERATOR
ROLL-EDGE MAN, HAND
SEWING-IN OPERATOR
mattress-spring encaser
SEWING-MACHINE OPERATOR
tick sewer
SIDE-STITCHER
SISAL PICKER
SLAT TWISTER
SPRING ASSEMBLER
coil placer
coil-spring assembler
spring builder
spring man
SPRING-ASSEMBLER FOREMAN
SPRING CRATER
STAPLER, COIL UNIT
STAPLER, HAND
wire stitcher, hand
STAPLER, MACHINE
wire-stitcher machine
STUDIO-COUCH-FRAME BUILDER
STUFFING-MACHINE OPERATOR
pad maker
TAPE-EDGE-MACHINE OPERATOR
TESTER, CONVERTIBLE SOFA BEDSPRING
TOW PICKER
TUFTER
button tufter
pad tufter
tufter operator
TUFTER, HAND
button tufter
pad tufter
TUFTING-MACHINE OPERATOR
button-tufting-machine operator
WIRE BENDER
WIRE-BORDER ASSEMBLER
topper
WOODEN-FRAME BUILDER

medical ser.—MEDICAL SERVICES: Covered under this designation are professional occupations concerned with treating and caring for sick and injured persons and animals, wherever such jobs exist. Also included are nonprofessional occupations occurring typically in establishments operated primarily for the care of the sick and injured, such as hospitals, sanitariums, and clinics, or establishments that provide related health services, such as medical and dental laboratories. Occupations of a public health nature, which are generally performed by governmental officials, are included under GOVERNMENTAL SERVICES (gov. ser.).

ADMITTING-OFFICE GUIDE
ADMITTING OFFICER I
supervisor, admitting office
AMBULANCE ATTENDANT
AMBULANCE DRIVER
ANESTHESIOLOGIST
anesthetist
ANIMAL CARETAKER
animal keeper
APPOINTMENT CLERK
ATTENDANT, PHYSICAL THERAPY
physical-therapy aid
BIOCHEMISTRY TECHNOLOGIST
medical technologist, chemistry
technologist, biochemistry
BITE-BLOCK MAN
bite-block maker
bite-rim man
BLOOD-BANK TECHNICIAN
BLOOD-BANK TECHNOLOGIST
CARDIOLOGIST
heart specialist
CART BOY
CENTRAL-SUPPLY WORKER
central-supply aid
CHIROPRACTOR
chiropractic
doctor, chiropractic
CHIROPRACTOR'S ASSISTANT
CLINICAL PATHOLOGIST
CLOTHES-ROOM WORKER
CONTOUR WIRE SPECIALIST, DENTURE
contour wireman, denture
CORRECTIVE THERAPIST
COTTAGE PARENT
COUNSELOR, NURSES' ASSOCIATION
CUSTODIAN, BLOOD BANK
CYTOTECHNICIAN
CYTOTECHNOLOGIST
DENTAL ASSISTANT
DENTAL CERAMIST
ceramist
ceramics technician
DENTAL CERAMIST ASSISTANT
porcelain finisher
porcelain waxer
DENTAL HYGIENIST
oral hygienist
prophylactician
DENTAL-LABORATORY TECHNICIAN
dental technician
DENTAL-LABORATORY-TECHNICIAN APPRENTICE
dental-technician apprentice
DENTAL TECHNICIAN, CROWN AND BRIDGE
crown-and-bridge technician
DENTAL TECHNICIAN, METAL
DENTIST
dental surgeon
doctor of dentistry
DENTURE WAXER
DERMATOLOGIST
skin specialist
DIET CLERK
diet aid
DIRECTOR, EDUCATIONAL, PUBLIC-HEALTH NURSING
DIRECTOR, NURSES' REGISTRY
registrar, nurses' registry
DIRECTOR, NURSING SERVICE
DIRECTOR, OCCUPATIONAL HEALTH NURSING
director, industrial nursing
DIRECTOR, OCCUPATIONAL THERAPY
DIRECTOR, PUBLIC-HEALTH NURSING
DIRECTOR, SCHOOL OF NURSING
dean, school of nursing
DIRECTOR, VOLUNTEER SERVICES
DOCTOR, HERB
herbalist
DOCTOR, NAPRAPATHIC
DOCTOR, NATUROPATHIC
naturopathic physician
ELECTROCARDIOGRAPH TECHNICIAN
e.k.g. technician
ELECTROENCEPHALOGRAPH TECHNICIAN
e.e.g. technician
EMERGENCY-ENTRANCE ATTENDANT
ambulance-room attendant
EXECUTIVE DIRECTOR, NURSES' ASSOCIATION
executive secretary, nurses' association
EXECUTIVE HOUSEKEEPER
housekeeper, administrative
housekeeper, head
EXODONTIST
FINISHER, DENTURE
FLIGHT SURGEON
flight physiologist
FORENSIC PATHOLOGIST
FORMULA BOTTLER
FORMULA MAKER
FORMULA-ROOM WORKER
GENERAL PRACTITIONER
physician, general practice
GYNECOLOGIST
HEALER
HEMATOLOGY TECHNICIAN
HEMATOLOGY TECHNOLOGIST
HISTOLOGICAL ILLUSTRATOR
HISTOPATHOLOGIST
histologist
HOSPITAL-ADMITTING CLERK
admitting officer
clinic clerk
hospital-receiving clerk
medical clerk
HOSPITAL GUIDE
hospital messenger
HOUSEKEEPER
INHALATION THERAPIST
oxygen-therapy-equipment technician
oxygen-therapy technician
INSURANCE CLERK
INTERN
LABORATORY ASSISTANT, PLASMA DRAWING-OFF
LABORATORY TECHNICIAN, VETERINARY
LARYNGOLOGIST
LINEN-ROOM ATTENDANT
linen checker
linen clerk
linen-exchange attendant
linen maid
MAID, HOSPITAL
MANAGER, DENTAL LABORATORY
MANUAL-ARTS THERAPIST
MEDICAL ASSISTANT
MEDICAL ILLUSTRATOR
artist, scientific
MEDICAL-LABORATORY ASSISTANT
medical technician
MEDICAL PHOTOGRAPHER
MEDICAL PHYSIOLOGIST
MEDICAL-RECORD CLERK
coding clerk
MEDICAL-RECORD LIBRARIAN
hospital-records librarian
MEDICAL SUPPLY CLERK
MEDICAL TECHNOLOGIST
MEDICAL TECHNOLOGIST, CHIEF
MEDICAL TECHNOLOGIST, TEACHING SUPERVISOR
MENTAL HEALER

Metal Finisher
Microbiology Technologist
medical technologist, bacteriology
Midwife
Morgue Man
diener
morgue attendant
Music Therapist
Neurologist
nerve specialist
Neuropathologist
Neurosurgeon
Nourishment Worker
Nuclear Medical Technologist
radioisotope technologist
Nurse Aid
nospital attendant
nursing assistant
Nurse Aid, Central Supply
Nurse Aid, Delivery
Nurse Aid, Nursery
Nurse Aid, Surgery
Nurse Anesthetist
Nurse, College
Nurse, Consultant
Nurse, General Duty
nurse, staff
Nurse, Head
Nurse, Instructor
Nurse, Licensed Practical
Nurse-Midwife
Nurse, Office
Nurse, Practical
Nurse, Private Duty
nurse, special
Nurse, Professional
nurse
nurse, certified
nurse, licensed
nurse, registered
Nurse, School
director, student health services
Nurse, Student
nurse apprentice
nurse, pupil
nurse, undergraduate
Nurse, Staff, Occupational Health Nursing
nurse, staff, industrial
Nurse, Staff, Public Health
Nurse, Supervisor
Nurse, Supervisor, Occupational Health Nursing
nurse supervisor, industrial nursing
Nurse, Supervisor, Public-Health Nursing
Obstetrical Technician
Obstetrician
Occupational Therapist
Occupational Therapy Aid
attendant, occupational therapy
Ophthalmologist
eye specialist
oculist
Oral Pathologist
Oral Surgeon
Orderly
Orthodontic Technician
Orthodontist
Orthodontist, Gold-Band Maker
Orthopedic-Cast Specialist
cast man
cast technician
Orthopedic Surgeon
Orthoptist
orthoptic technician
Osteopathic Physician
doctor, osteopathic
osteopath
physician, d.o.
surgeon, d.o.
Otolaryngologist
otorhinolaryngologist
Otologist
Out-Patient-Admitting Clerk
Out-Patient-Clinic Guide
Out-Patient Receptionist
Packer, Denture
molder
Pathologist
medical pathologist
Pediatrician
Pedodontist
Periodontist
Pharmacy Helper
pharmacy clerk
Physiatrist
physical medicine specialist
Physical Therapist
physiotherapist
Physician
Physician, Head
Physician, Occupational
physician, industrial
Physician, Research
Plasterman
refractory man
Podiatric Surgeon
Podiatrist
chiropodist
orthopedic specialist
Podiatrist, Orthopedic
Podiatrist's Assistant
chiropodist's assistant
Podopediatrician
Polisher
metal polisher
Proctologist
Prosthodontist
prosthetic dentist
Psychiatric Aid
asylum attendant
charge attendant
ward attendant
Psychiatrist
Public-Health Dentist
Radiologic Technologist
X-ray technologist
Radiologic Technologist, Chief
Radiologist
roentgenologist
Receptionist, Doctor's Office
Recreational Therapist
Registered Record Librarian
Rhinologist
Serology Technician
Serology Technologist
Set-Up Man, Denture
Siphon Operator
Special-Diet Worker
Sterilizer
autoclave operator
Superintendent, Hospital
administrator, hospital
director, hospital
hospital administrator
Supervisor, Auxiliary Personnel
coordinator, auxiliary personnel
Supervisor, Central Supply
Surgeon I
Surgeon II
Surgical Pathologist
Surgical Technician
operating room technician
surgical orderly
Tissue Technician
Tissue Technologist
medical technologist, histology
histopathology technologist
Toxicologist
Tray-Line Supervisor
Tray-Line Worker
dietary aid
tray girl
Urologist
Veterinarian
doctor, veterinary medicine
Veterinarian, Laboratory Animal Care
Veterinary-Hospital Attendant
veterinary assistant
Veterinary Pathologist
Veterinary Radiologist
Ward Clerk
floor clerk
Ward Supervisor
Waxer, Metal, Partial Denture
X-Ray Clerk
X-Ray-Developing-Machine Operator
film processor

minerals & earths—Ground Minerals and Earths Industry: This industry includes occupations concerned with grinding, pulverizing, splitting, trimming, and grading certain earths, rocks, or minerals, such as barium, barytes, borax, chalk, clays, Cornwall stone, corundum, emery, feldspar, kaolin, mica, pumice, quartz, silica, sulfur, and talc. The fabrication of products from mica is included in this industry.

Built-Up Washer Man
Burner Man
Carbon-Arc-Furnace Operator
Drier-and-Grinder Tender
crusher, dry-ground mica
Foreman, Mica Processing
Mica Classifier
qualifier
Mica Coater
coater
Mica Gager
gager
Mica Inspector
inspector
Mica Patcher
Mica-Plate Layer
Mica Sizer
sizer
Mica Splitter
splitter
Mica Trimmer
trimmer
Miller
crusher, wet-ground mica
Press Operator
Rifter
full trimmer
sheeter

mining & quarrying—Coal, Metal, and Nonmetal Mining, and Quarrying Industry: This industry includes occupations concerned with the extraction of coal; metal and nonmetal ores; and rocks, stone, gravel, and sand from underground and surface excavations, such as mines, pits, and quarries. It includes exploration, prospecting, and development operations, as well as excavation operations such as: undercutting, drilling, and blasting; loading, hauling, and hoisting; and timbering, ventilating, draining, and reclaiming. Also included are the preparation of coal, which includes operations, such as crushing, cleaning, and sizing; the primary (mine-site type) crushing of metal and nonmetal ores, rocks, and stones; and the dressing of ferrous ores. The dressing of nonferrous metal ores is included in the Nonferrous Metal Smelting and Refining Industry (ore dress., smelt., & refin.), and the reduction and processing of certain earths, rocks, and minerals in the Ground Minerals and Earths Industry (minerals & earths).

Airdox Man
Air-Loco Driver
Aerial-Tram Operator
Augerman
carriage operator
Bank Boss
Battery Starter
Bit-Sharpener Operator
bit grinder
Blaster
chargeman
chargeman, blasting
demolition man
dobie man
dynamiter
firer
powderman
shooter
shot firer
shot lighter
Blaster, Airdox
shooter, airdox
Blaster, Cardox
Boom-Conveyor Man
loader-head man
stacker attendant
Bottomer I
bottom man
bottom slopeman
footman
foot tender
Bottomer II
Box Loader
Brattice Man
airman
braddisher
stopping builder
ventilation man
Breaker
ledgeman
Breaker Repairman
Cager
cageman
lander
skip tender
Car Cleaner
pit-car cleaner
railroad-car cleaner
Cardox-Plant Operator
Car Dropper
car pincher
car runner
spragger
Car Inspector
Carpenter, Bank
Carpenter, Breaker
Carpenter, Car
Carpenter, Mine
Car Salter
Car-Shakeout Operator
Chain-Hoist Operator
Channeling-Machine Runner
channeler-machine operator
channeler runner
channeling-machine operator
channel-machine operator
channel-machine runner
Checker Viewer
examiner
mine inspector
safety inspector
Churn-Drill Operator
blast-hole driller
clipper-blast-drill operator
prospect-churn-drill operator
well-driller operator
Chute Loader
loader
railroad-car loader
Cleaner I
Coal Inspector I
tipple inspector
Coal-Mine Inspector
Coal Stripper
Coal Washer
coal-washer tender
wash-box operator
wash-coal conveyorman
washer operator
Cobber
Colliery Clerk
Company Laborer
cleaner
company man
digger
laborer, mine
scraper
wasteman
Cone Operator
cone tender
Continuous-Mining-Machine Operator
Control Man
ore grader
quality control man
Core Splitter
Courthouse Inspector
Crusher Setter
Cutter Operator
coal-cutting machine operator
cutting-machine operator
machine man
undercutter
Cutter-Operator Helper
back hand
cutting-machine helper
machine helper
Dispatcher
car distributor
haulage boss
motor boss
passing boss
traffic man
turn keeper
Ditch Digger
ditcher
ditchman
drainman
mucker
water bailer
Dock Boss
docking boss
gager
Draftsman, Mine
Dredgemaster
dredgeman
Dredge Operator, Bridge
rotating-dredge operator
Drier Operator
coal-drier operator
furnace operator
kiln operator
Drift Miner
Driller, Jet Piercing
jet channeler
jet-piercer operator
Drilling Machine Operator
joy driller
Dry-Placer-Machine Operator
Duck-Bill Operator
Dump Motorman
Dust-Collector Attendant
Electric-Hoist Operator
Entry-Driver Operator
Entry Man
Fire Boss
examiner
fire watch miner
gasman
mine examiner
mine patrolman
Floater
Flume Man
Footman I
Gas Inspector
Gathering Motorman
Goodman-Borer Operator
Gravity-Meter Observer
Grinding-Mill Operator I
Grizzly Worker
chute blaster
chute tapper
drawman
pluggerman
sorter
Hardness Tester I
Headman I
Headman II
head tender
top slopeman
Heavy-Media Operator
Hoistman
Hydrator Operator
Hydraulic Operator
auger operator
Inside-Haulage Engineer
Jackhammer Operator
air-drill operator
air-hammer operator
plug-drill operator
Jig Runner
jigman
jig tender
Joy-Ripper Operator

mining & quarrying—continued

LAMPMAN
battery charger
safety-lamp keeper
LATRINE CLEANER
sanitary man
LINERMAN
LOADER I
LOADING-MACHINE OPERATOR
joy loader operator
loader, machine
LOADING-SHOVEL OILER
benchman
oiler
LUMBER-YARD MOTORMAN
MACHINE MAN I
machine runner
mining-machine operator
MAGNETOMETER OPERATOR
MAIN-LINE MOTORMAN
MECHANICAL-SHOVEL OPERATOR
loader operator
mucking-machine man
shovel operator
METAL-MINE INSPECTOR
MINE-CAR REPAIRMAN
car builder
pit car repairman
shop blacksmith
MINE ELECTRICIAN
MINE FOREMAN
general foreman
MINE-MACHINERY MECHANIC
maintenance repairman, mine
mechanic
shovel-crane man
MINE MOTORMAN
MINER I
MINER, PICK
MINER, PLACER
sluice tender
MINE SUPERINTENDENT
superintendent, colliery
superintendent, quarry
MUCKER I
NOZZLEMAN
OUTSIDE-HAULAGE ENGINEER
PANELBOARD OPERATOR
additive-plant operator
conveyor attendant
crusher operator
grinding-mill operator
mill attendant
wash-box operator
PILLAR ROBBER
PIPE CHANGER
PIT FOREMAN
dimension-quarry foreman
strip-mine foreman
PLACER-MINER, HYDRAULIC
POINT DRIVER
PREPARATION PLANT FOREMAN
breaker boss
tipple foreman
washery boss
PREPARATION PLANT REPAIRMAN
PROSPECT-DRILL PANNER
PULLEYMAN
rollerman
wheelman
QUARRYMAN
hammerman
ledgeman
plug-and-feather driller
rockman
rock splitter
QUARRY WORKER
RAISE MINER
REPAIRMAN
mechanic
ROCK CONTRACTOR
ROCK-DUST MAN
ROOF BOLTER
bolting-machine operator
raise driller
stoperman
timberman
ROTARY-DUMP OPERATOR
SAMPLER
bucker
coal inspector
hardness tester
ore sampler
tester
SAMPLE TESTER-GRINDER
SAND DRIER
sandman
SANDMAN I
SANDSTONE SPLITTER
SCRAPER-LOADER OPERATOR
dragman
slusher operator
SCRAPER-LOADER OPERATOR HELPER
mucker tender
SCREEN-AND-CYCLONE MAN
SCREENMAN, CRUSHER
SECTION FOREMAN
face foreman
machine boss
mine captain
muck boss
rock foreman
room boss
shift boss
SHAFTMAN
maintenance man
shaft mechanic
shaft repairman
shaft tender
SHAFT SINKER
SHAKER TENDER
screenman
SHOREMAN, DREDGE OR BARGE
SHOVELER
SHUTTLE-CAR OPERATOR
SHUTTLE MAN
SLATE MOTORMAN
SLATE PICKER
bone picker
coal cleaner
lump picker
picking-table man
platcman
platform man
rock picker
scalper
SLOPE-HOIST OPERATOR
SPECIMEN BOSS
SPIRAL RUNNER
SPRINKLER
STEAM-HAULAGE ENGINEER
STEAM-HOIST OPERATOR
STONE GRADER
measurer
STOPE MINER
STRIPPER
STRIPPING-SHOVEL OILER
oiler
STRIPPING-SHOVEL OPERATOR
SUPPLY MOTORMAN
SURVEYOR, DEPUTY
surveyor, mineral
SURVEYOR, MINE
TIMBER CUTTER
TIMBERMAN
timber framer
TIMBERMAN HELPER
TIMBER ROBBER
prop drawer
recoveryman
timber puller
TIMBER SPRINKLER
TIPPLE MAN
TIPPLE REPAIRMAN
TOP CAGER
TOWER-HOIST OPERATOR
TRACK-MOVING-MACHINE OPERATOR
hydraulic-jack operator
track-laying-machine operator
TRIMMER
TRIPOD-DRILL OPERATOR
TUGGER OPERATOR
TUNNEL MAN
UNIVERSAL-CUTTING-MACHINE OPERATOR
high-production operator

mirror—MIRROR INDUSTRY: Included under this designation are those jobs involving the manufacture of mirrors, framed and unframed, such as pier glasses, mantel mirrors, hall mirrors, and mirrors used for display purposes, and cut, beveled, and etched glass.

ASSEMBLER
ASSEMBLYMAN I
ASSEMBLYMAN II
BACKER
mirror backer
BEVELER I
BEVELING-AND-EDGING-MACHINE OPERATOR
beveler
beveling machine operator
BEVELING-AND-EDGING-MACHINE-OPERATOR HELPER
BLOCKER
hand blocker
BLOCKER, AUTOMATIC
cleaning machine operator
load blocker
BREAKER
glass breaker
CLIP-AND-HANGER ATTACHER
back riveter
COPPER-WHEEL ENGRAVER
DIAMOND-WHEEL EDGER
DRILLER, MULTIPLE-SPINDLE
EDGE POLISHER
EDGER, HAND
EDGE-TOUCH-UP MAN
ENGRAVER
flower cutter
glassware engraver
miter cutter
wheel engraver
ENGRAVINGS POLISHER
FINAL INSPECTOR
FINGER-GRIP-MACHINE OPERATOR
finger-pull machine operator
FOREMAN, HAND SILVERING
FOREMAN, MIRROR MANUFACTURING DEPARTMENT
FOREMAN, SILVERING DEPARTMENT
GLASS SANDER, BELT
belt seamer
sander
INSPECTOR, GLASS OR MIRROR
face cleaner
glass inspector
mirror inspector
MARK-UP MAN
MIRROR CLEANER
glass cleaner
MIRROR-CLEANER INSPECTOR
MIRROR FRAMER
MIRROR-GLASS-CUTTER HELPER
MIRROR-MACHINE FEEDER
conveyor loader
MIRROR SPECIALIST
MIRROR WORKER
glassworker
MITERMAN
PAINTER, MIRROR
paint sprayer
PAINT-SPRAY TENDER
paint man
PAINT THINNER
POLISHER
ROUGHER
SCRATCH POLISHER
SILVERER
mirror silverer
SILVERER HELPER
SILVERMAN
SILVER STRIPPER, MACHINE
stripper
SMOOTHER
STOCK SHEETS CLEANER INSPECTOR
STONE WHEEL ENGRAVER
STRAIGHT-LINE EDGER
straight edger

mirror & pic. frames—MIRROR AND PICTURE FRAMES INDUSTRY: This industry embraces occupations in the manufacture of finished picture frame moldings, frames for mirrors, pictures, and related products, and framed pictures.

ASSEMBLYMAN I
ASSEMBLYMAN II
BURNISHER
CARDBOARD CUTTER
filler cutter
COMPO CASTER
ornamenter, hand
EMBOSSING-MACHINE OPERATOR
FITTER
FOOT-MITER OPERATOR
hand-miter operator
FOREMAN, FABRICATION
FRAME TRIMMER II
shader and toner
MAT CUTTER
METAL-LEAF GILDER
MIRROR-FRAME MAKER
MIRROR FRAMER
MIRROR SPECIALIST
ORNAMENTAL-MACHINE OPERATOR
ORNAMENTER, HAND I
PICTURE-FRAME MAKER
frame maker
gluer and nailer
joiner
PICTURE-FRAME-MAKER HELPER
filler and sander
PICTURE-FRAME-MAKER HELPER—Continued
frame trimmer
joiner helper
sander
PICTURE FRAMER
assemblyman
framer
POWDER GILDER
REPAIRMAN, PICTURE FRAME
RUBBER
burnisher
finisher
SATIN FINISHER
STAINER
WHITENER
WHITING-MACHINE OPERATOR

model & pattern—MODEL AND PATTERN INDUSTRY: This industry covers those occupations concerned with the manufacture of hat blocks, dress and show forms, mannequins, wax figures, and similar commodities. The manufacture of such materials from paper is included in the PAPER GOODS INDUSTRY (paper goods); the manufacture of shoe display forms is included in the LASTS AND RELATED FORMS INDUSTRY (lasts & rel. forms).

ARTIST, MANNEQUIN COLORING
decorator
ASSEMBLER, DRESSMAKER FORM
COMPOSITION MOLDER
compo molder
composition worker
FOREMAN
FORM COVERER
MANNEQUIN-MOLD MAKER
mold maker
MANNEQUIN MOUNTER
balancer
set-up man
MANNEQUIN SANDER AND FINISHER
paper finisher
PAINTER, MANNEQUIN
PAPIER MACHE MOLDER
paper layer
PLASTIC MOLDER
RUBBER MOLDER

mort. goods—MORTICIANS' GOODS INDUSTRY: Included in this industry are occupations concerned with the manufacture of caskets and coffins of wood, metal, and plastics, burial cases, shipping cases, and morticians' supplies and accessories, such as ambulance baskets, casket linings, and draperies, door draperies, embalming fluids, and lowering devices.

BODY COVERER
BODY MAKER
BOX MAKER
CAP COVERER
CASKET ASSEMBLER
fitter
upfitter
CASKET ASSEMBLER, METAL
CASKET COVERER
casket trimmer
CASKET INSPECTOR
CASKET LINER
casket upholsterer
CLOTH CUTTER
CONCRETE VAULT MAKER
CRUSHER
crushing fixer
smocker
EMBROIDERING-MACHINE OPERATOR
swing-needle-machine operator
FOREMAN, ASSEMBLY ROOM
FOREMAN, COVERING AND LINING
FOREMAN, FINISHING
FOREMAN, SEWING ROOM
MOLDING FITTER
PANEL COVERER
PANEL FITTER
PANEL MAKER
SEWING-MACHINE OPERATOR
lining maker
seamstress
SHIRRING-MACHINE OPERATOR
shirrer
TOP COVERER
TOP-FRAME COVERER
TOP-FRAME FITTER
TOP-FRAME MAKER

motion pic.—MOTION PICTURE INDUSTRY: This industry embraces occupations concerned with the production of motion pictures, including such processes as the development of exposed films, the photographing of scenes, the printing of projection films, and other studio and laboratory work in the preparation of projection films for use. It does not include entertainers or the distribution and projection of films in theaters, such occupations being covered under AMUSEMENT AND RECREATION (amuse. & rec.). The recording of images on electromagnetic tape for transmission by television stations or networks is included in the RADIO AND TELEVISION BROADCASTING INDUSTRY (radio & tv broad.).

AGER
burner
BACKGROUND-AND-TITLE ARTIST
title artist
BENCH EXAMINER
rewinder
CABINETMAKER
CAMERA CLERK
CAMERAMAN
CAMERAMAN, ANIMATION
cameraman, animated-motion picture
CAMERAMAN, FIRST
cameraman, head
cinematographer
director of photography
CAMERAMAN, SECOND

Cameraman, Special Effects
Cameraman, Title
Camera-Storeroom Clerk
Carpenter, Boss
Carpenter Foreman, Stage
Carpenter, Motion-Picture Studio
Carpenter, Shop
Carpenter, Stage
Cartoon-Background Artist
Cartoonist, Motion Pictures
animated-cartoon artist
animator
Cartoonist- Special Effects
Chemical Mixer
solution mixer
Color Adviser
colorman
Continuity Clerk
Continuity Writer
Costumer
wardrobe designer
wardrobe mistress
Decoration Maker
flower maker
ornament maker
trimming maker
Densitometer Reader
Developing-Machine Operator
Director
Director; Art
director, technical
Director, Cast
Director, Casting
talent director
Director, Location
location man
Director, Motion Picture
Director, Music
conductor, music
manager, music
musical director
Director, Research
technical adviser
Disk Recordist
Draper
Draper Foreman
Dubbing-Machine Operator
Editor, Film
cutter
Editor,Film,News Reel
Editor, News Reel
Editor, Scenario
editor, production
story editor
Electrical Propman
Electrician, Chief
Electrician, Studio
grid man
Film Developer
developer operator
Film-Drying-Machine Operator
dry-end operator
Film Inspector I
Film Inspector II
film technician
Film-Laboratory-Equipment Mechanic
machinist, film laboratory
Film Loader
Film Numberer
edge numberer
Film Printer
film-laboratory printer
sound printer
Film Recordist
Film Splicer
film assembler
film joiner
Film Technician I
laboratory-contact man
Film Viewer
viewer
Flower Man
Foreign-Title Breaker
title spotter
Furniture Handler
Gag Writer
gag man
Greensman
Greensman Foreman
Grip Boss
grip foreman
Hand Propman
Inker and Opaquer
Librarian
Machinist, Motion Picture Equipment
camera-maintenance man
camera repairman
cinetechnician
motion-picture-camera repairman
Make-Up Man
make-up artist
Microphone-Boom Operator
boom man
boom operator
Miniature - Set Constructor
miniature-set builder
model-set artist
set-model builder
Miniature-Set Designer
Motion - Picture - Equipment Foreman
cinetechnician foreman
Motion-Picture Narrator
motion-picture commentator
Motion-Picture Projectionist
cinematographer
projectionist
theater projectionist
Motorman
Negative Cutter
film-laboratory negative cutter
negative worker
Negative Developer
Operator, Lights
juicer
lamp operator
Outside-Property Man
buyer
renter
Painter, Animated Cartoons
Painter, Stage Settings
painter, set
Photographic Sensitometrist
sensitometrist
Play-Back Man
tape duplicator
Porter
Positive Developer
Producer
production supervisor
Producer, Assistant
Property Custodian
Property Handler
floorman, stage
grip
Property Man
property handler
Property Master
Prop Maker
Prop-Maker Foreman
Prop Maker, Miniature
Reader
story analyst
Recordist
Recordist, Chief
operative supervisor
Replacement Girl
Re-Recording Mixer
Rigger
Scenario Writer
Scenic Artist
artist
scene painter
scenery painter
scenic-artist journeyman
Screen Examiner
motion-picture inspector
release inspector
Screen Reporter
Script Clerk
Set Decorator
set dresser
Set Electrician, Chief
electrician, illuminating
gaffer
set boss
Set Electrician, Chief, Assistant
best boy
illuminating technician
Sheet-Metal Man
Shop Foreman
Shopper
Sketcher
sketch maker
Sorter
Sound and Laboratory Engineer
laboratory and sound engineer
quality-control head
Sound Cutter
editor, sound
moviola operator
Sound Mixer
mixer operator
music mixer
operator, chief
Sound Mixer—Continued
recording engineer
sound man
studio engineer
studio technician
Special-Effects Foreman
Special-Effects Man
Stage Man
Stage-Property Foreman
property foreman
Stage-Set Designer
architect, production set
Stand-By
checker
Stand-By Grip
Stand-In
Supervising Film Editor
Supervisor, Costumes
Supervisor, Make-Up
Supervisor, Scenic Arts
chargeman
master-scenic-artist or foreman
Swing-Gang Worker
Television-Film Field Coordinator
Timer
film laboratory timer
Title Writer
Transferrer, Number
Transmission Man
sound installation man
Upholsterer Foreman
Vault Clerk
Vault Custodian
vaultman
Wardrobe-Mistress Assistant
costumer assistant
custodian, wardrobe
wardrobe draper
wardrobe girl
Wardrobe-Specialty Worker
Watchman, Set
Waxer
Writer

motor. & bicycles—Motorcycles, Bicycles, and Parts Industry: This industry embraces occupations in the manufacture of complete motorcycles and sidecars; bicycles; motor cycle and bicycle parts, such as saddles, seat posts, frames, and handlebars. The assembly of complete motorcycles and bicycles from purchased parts is included in this industry.

Assembly Foreman
Bench Hand
Brake Assembler
Clutch Assembler
Experimental Mechanic
development mechanic
Experimental Mechanic, Electrical
Final Inspector, Motorcycles
Foreman, Frame Assembly
Foreman, Motorcycle and Wheel Assembly
Foreman, Transmission and Fork Assembly
Fork Assembler
Fork Repairman
Frame Assembler
Frame Repairman
Frame Straightener
frame aliner
straightener-and-aliner
Handle-Bar Assembler
Inspection and Testing Foreman
Inspector, Bicycle
bicycle inspector
Motorcycle Assembler
bicycle assembler
Motorcycle Subassembler
Motorcycle Subassembly Repairman
Motorcycle Tester
Repairman, Assembly Line
Repair Shop Foreman
Roller-Bearing Inspector
roller bearing assembler
Salvage Inspector
processed-stock inspector
rework man
salvage man
salvage mechanic
Striper, Hand
Test Rider
Transmission Assembler
Transmission Repairman
Utility Assembler
Wheel Lacer and Truer
wheel assembler
wheel truer
Wheel-Truing-Machine Tender

motor trans.—Motor Vehicle Transportation Industry: This industry embraces occupations concerned with the provision of all types of public motor vehicle transportation for passengers and freight, including the operation of public warehousing and storage establishments. The principal types of facilities covered are: (1) bus transportation lines for city, suburban, intercity, and long distance use, and for such other purposes as sightseeing and charter trips; (2) taxicab services; (3) all types of public warehousing and storage establishments, and (4) truck lines engaged in local and long-distance hauling.

Assignment Clerk
assignment agent
bulletin clerk
Baggageman
baggage checker
expressman
luggage checker
Branch-Agencies-Orders Clerk
Bus Dispatcher, Interstate
dispatcher
Bus Driver
chauffeur, motorbus
coach operator
Bus Driver, School
Bus Hostess
Car Carder
Chauffeur, Airport Limousine
Checker
Collection-Sheet Clerk
Crating-and-Moving Estimator
traffic representative
Depot Master
dispatcher
dispatcher, division
dispatcher, station
station master
Director, Transportation
Dispatcher, Bus and Trolley
transit-operations supervisor
Dispatcher, Traffic or System
District Sales Representative
public-relations manager
Drivers'-Cash Clerk
Driver Supervisor
Fare-Register Repairman
Floorman
Foreman, Car-Loading-and-Unloading
Freight-Traffic Agent
Furniture Mover
moving man
Garbage-Collection Foreman
rubbish-collection foreman
trash-collection foreman
Garbage Collector I
Garbage Collector II
Gas and Oil Man
fuel and oil man
gas and oil checker
gasoline-station attendant
station attendant
Hostler
bus driver, garage
hook-up man
Information Clerk
travel-bureau clerk
Instructor, Bus, Trolley, and Taxi
Laborer, General
Locker-Plant Attendant
Lost-and-Found Clerk
Manager, Bus Transportation
Manager, Locker Plant
Manager, Operations
operations manager
Manager, Regional
Manager, Terminal
terminal manager
Manager Traffic (air trans.; motor trans.; water trans.)
manager, schedules and contracts
Manager, Traffic I
Manager, Traffic II
Manager, Transportation Organization
Manifest Clerk
Meter Reader
Mobile-Lounge Driver
Motor-Coach Driver
New-Car Inspector
Over - Short - and - Damage Clerk
Parts-Order Clerk
parts clerk
Pick-Up Man
Pillow Girl
Porter
porter, baggage
redcap
Rate Clerk
Rate Clerk, Freight
Refrigerating-Machine Operator
unit operator
Revising Clerk
Road Supervisor
superintendent, drivers
Safety Engineer
safety man
Sales Representative
Schedule Maker
Spotter
Superintendent, Division
division superintendent
Superintendent, Maintenance
shop superintendent
Superintendent, Maintenance of Equipment
Superintendent, Stations
Supervisor, Cab
Superivsor, Leased Equipment
Supervisor, Terminal
Tanker Serviceman
Taxicab Starter
cab starter
dispatcher
Taxi Driver
cab driver
Taxi Serviceman
Terminal-Services Agent
manager, van service
Ticket-Rebate Clerk
Tracer
Traffic Agent
Traffic Inspector
dispatcher, urban

motor trans.—continued

TRAFFIC INSPECTOR—Con.
transportation inspector
TRANSIT OPERATOR
TRANSPORTATION INSPECTOR I
service inspector
undercover agent
TRANSPORT DRIVER
TRASH COLLECTOR
TRAVELING-FREIGHT-AND-PASSENGER AGENT
TROLLEY-COACH DRIVER
TROLLEY-COACH MECHANIC
TRUCK FOREMAN
VAN DRIVER
VAN-DRIVER HELPER
van helper
WAREHOUSE FOREMAN
labor-gang foreman

museum—MUSEUMS, ART GALLERIES, BOTANICAL AND ZOOLOGICAL GARDENS: This designation covers occupations in all types of museums, art galleries, and botanical and zoological gardens, in whatever institutions or organizations they may occur.

ARMORER TECHNICIAN
CURATOR
CURATOR, ART GALLERY
CURATOR, HERBARIUM
CURATOR, HORTICULTURAL MUSEUM
CURATOR, MEDICAL MUSEUM
CURATOR, NATURAL HISTORY MUSEUM
CURATOR, ZOOLOGICAL MUSEUM
DIRECTOR, INDUSTRIAL MUSEUM
GUARD, MUSEUM
MUSEUM TECHNICIAN
museum preparator
RESTORER, LACE AND TEXTILES
SECURITY CHIEF, MUSEUM

musical inst.—MUSICAL INSTRUMENTS AND PARTS INDUSTRY: This industry includes jobs concerned with cutting, shaping, machining, assembling, polishing, and finishing all kinds of musical instruments, parts, and materials.

ACCORDION MAKER
ACTION ASSEMBLER
ACTION FINISHER
ACTION INSPECTOR
ACTION INSTALLER
ASSEMBLER, PIANO
BASS-MECHANISM MAN
BASS-STRING WINDER
BELL MAKER
BELL MAKER, SOUSAPHONES
BELL-NECK HAMMERER
folder-and-notcher
BELLOWS MAKER
BELL SPINNER
BELL SPINNER, SOUSAPHONES
BELLYMAN
BOX MAKER
BRASS - WIND - INSTRUMENT MAKER
assembler
band-instrument maker
BRIDGE FITTER
BRIDGE NOTCHER
CHIP TUNER
chipper
CONSOLE ASSEMBLER
CROOK OPERATOR
CUTTER, WOODWIND REEDS
DRILLER - AND - REAMER, AUTOMATIC
ELECTRIC-ORGAN ASSEMBLER AND CHECKER
ELECTRIC-ORGAN INSPECTOR AND REPAIRMAN
FINAL ASSEMBLER, BRASS-WIND INSTRUMENTS
FINAL INSPECTOR
FINISHER, ACCORDION
FLY FINISHER
top-case assembler
FOREMAN
FRET FILER
FRETTED-INSTRUMENT INSPECTOR
FRETTED-INSTRUMENT MAKER, HAND
GUITAR MAKER, HAND
HAMMER PREPARER
HAND CARVER
HARMONIC TUNER
HARP-ACTION ASSEMBLER
HARP MAKER
HARP REGULATOR
HARPSICHORD MAKER
HEAD TUCKER
INSPECTOR, WOODWIND INSTRUMENTS
KEYBOARD-ACTION ASSEMBLER
KEY FITTER II
KEY REPAIRMAN
KNOBBER
MANUAL WINDER
MOUNTER, BRASS-WIND INSTRUMENTS
MOUNTER, CLARINETS
MOUNTER, FLUTES-AND-PICCOLOS
MOUNTER, KEYED INSTRUMENTS
adjuster
keyfitter
MOUNTER, SAXOPHONES
MOUNTER, SOUSAPHONES
MOUNTER, TROMBONES
MOUNTER, TRUMPETS AND CORNETS
MOUTHPIECE MAKER
MUSICAL-INSTRUMENT-CASE DESIGNER
MUSICAL-STRING MAKER
MUSIC-BOX ASSEMBLER
NECK FITTER
OCTAVE TUNER
ORGAN-PIPE FINISHER
ORGAN-PIPE MAKER, METAL
ORGAN-PIPE VOICER
voicer
ORGAN-STOP ASSEMBLER
PEDAL-BOARD ASSEMBLER
PIANO-ACTION REGULATOR
adjuster, piano action
PIANO-CASE MAKER
PIANO-SOUNDING-BOARD MATCHER
PIANO STRINGER
PINNER
PIPE-ORGAN BUILDER
PIPE-ORGAN INSTALLER
organ installer
PISTON MAKER
PREASSEMBLER AND INSPECTOR
RACKER, OCTAVE BOARD
RIM BENDER
SANDER-AND-BUFFER
SAXOPHONE ASSEMBLER
SEAM HAMMERER
SHEET-METAL-CUT-OUT MAN
SLIDING-JOINT MAKER
SOCKET PULLER
body maker
SOLDERER-AND-SCRAPER
SOUND-BOARD ASSEMBLER
STOPBOARD ASSEMBLER
STRINGED-INSTRUMENT ASSEMBLER
musical-instrument assembler
STRING-WINDING-MACHINE OPERATOR
TESTER
TIE-UP MAN
TONE CABINET ASSEMBLER
pedal assembler
TONE REGULATOR
TROMBONE-SLIDE ASSEMBLER
TUBE BENDER, BRASS-WIND INSTRUMENTS
TUNER, PERCUSSION
VALVE MAKER
VALVE MATCHER
VIOLIN MAKER, HAND
VIOLIN RESTORER
WOOD BUFFER

nail—NAILS, SPIKES, AND ALLIED PRODUCTS INDUSTRY: This industry includes occupations in the manufacture of wire nails, spikes, and brads; cut nails and spikes; horseshoe nails, tacks, staples, and related products. Such products are frequently produced in wire mills and in wire-drawing departments of rolling mills. This industry covers the production of those products wherever they are manufactured.

KNURLING-MACHINE OPERATOR
NAIL-ASSEMBLY-MACHINE OPERATOR
NAIL-MAKING-MACHINE SET-UP MAN
nail-machine operator
NAIL-MAKING-MACHINE TENDER
SPIKE-MACHINE FEEDER
SPIKE-MACHINE HEATER
SPIKE-MACHINE OPERATOR
SPIKEMAKING FOREMAN
foreman, spikemaking
STAPLE-SHEAR OPERATOR
TAKE-OFF MAN
packer, finished nail assembly

narrow fabrics—NARROW FABRICS INDUSTRY: This industry includes occupations in the manufacture of narrow woven and braided articles, such as belts, belting, binding, edgings, shoelaces, tape, weaving tape, webbing, and wicks.

BEAM-WARPER TENDER, AUTOMATIC
beam warper
cotton warper
high-speed-warper tender
section beamer
section warper
tricot-warper tender
warp dresser
warper tender
BELTING-AND-WEBBING INSPECTOR
webbing-and-belting inspector
BELTING FINISHER
BLOCKER
BRAIDING-MACHINE OPERATOR
braider tender
BRAID-PATTERN MAN
braid maker
patternman, braid
CARD CHANGER, JACQUARD LOOMS
card hanger
card man
jacquard-pattern serviceman
pattern changer and repairman
pattern hanger
pattern man
CARD CUTTER, JACQUARD
piano-machine operator
CARD LACER, JACQUARD
lacing-machine operator, jacquard cards
CLOTH EXAMINER, HAND
inspector
DRAWER-IN, HAND
drawer
draw-in and smash hand
DRAWER-IN, HAND—Con.
drawing-in hand
draw-in hand
enterer
heddler
warp drawer
web drawer
DRAWER-IN HELPER, HAND
entering-room serviceman
END-TO-END SEWER
bolt-end sewer
cloth-cut stitcher
cloth sewer, rolls
cloth splicer, rolls
cloth stitcher, rolls
cut sewer
end sewer
machine sewer, cloth cuts
overseamer lay-out clerk
piece sewer
plain-goods stitcher
reller
rotary-sewing-machine operator
sewer, plain goods
sewing-machine boy, cloth cuts
FINISHING-MACHINE OPERATOR
finisher
FLOORLADY, ENDLESS-BELT-WEAVING DEPARTMENT
FOLDER
HANDER-IN
HEDDLES TIER, JACQUARD LOOM
harness man
heddles tier
HOOK PULLER
INSIDE-FIBER TIPPER
JACQUARD-LOOM WEAVER
LABEL - CUTTING - AND-FOLDING-MACHINE, AUTOMATIC
LABEL PINKER
LOOM FIXER
fixer
loom repairman
LOOM - FIXER OVERSEER
fixer foreman
NARROW-FABRIC CALENDERER
calender operator, narrow fabrics
NARROW-FABRIC-LOOM FIXER
PEG BOY, DOBBY LOOMS
dobby-loom chain-pegger
QUILLING-MACHINE OPERATOR, AUTOMATIC
automatic quiller operator
filling winder
radial-quilling-machine operator
universal-filling winder, automatic
universal-filling winder-tender, automatic
QUILL WINDER
RIBBON BLOCKER
RIBBON-CUT-OFF MAN
RIBBON WEAVER
SHOELACE CUTTER
SHOELACE-CUTTING-MACHINE OPERATOR
cutting-machine operator
SHOELACE-TIPPING-MACHINE OPERATOR
shoelace tipper
tipping-machine operator, automatic
SINGER
SKEINER
skein winder
SMASH HAND
smasher
smash fixer
smash mender
smash piecer
SPOOLER
TAPE WEAVER
TAPE WINDER
TASSELER
TWISTER-IN
tier-in
twister
warp twister
WARPER
WARP SPOOLER
jackspooler
spooler
WARP-SPOOL SLASHER
WEAVER, HAND
endless-belt finisher
splicer
WEAVER, NARROW FABRICS
WEAVER, NEEDLE LOOM
shuttleless-loom weaver
WOVEN-LABEL DESIGNER

needle, pin, & rel. prod.—NEEDLE, PIN, HOOK AND EYE, AND SNAP FASTENER INDUSTRY: This industry includes the manufacture of (1) needles of all kinds, including sewing-machine needles, knitting-machine needles, and darning, canvas, and bag needles; (2) common and toilet pins, safety pins, and metal hairpins; (3) hooks and eyes; and (4) hook, slide, and snap fasteners. Pins made of precious metals are included in the JEWELRY INDUSTRY (jewelry); hairpins made of plastic materials are included in FABRICATED PLASTICS PRODUCTS INDUSTRY (fabric. plastics prod.).

BENCH WORKER
BOTTOM-STOP ATTACHER
BOX ATTACHER
BRIDGE ATTACHER
CIRCULAR KNITTING-NEEDLE BENDER
stitch-holder bender
DEBURRER
wire-brushing-machine operator
FASTENER-AUTOMATION-MACHINE OPERATOR
FASTENER-SEWING-MACHINE OPERATOR, AUTOMATIC
hook-and-eye-sewing-machine operator
FOLDER-CEMENTER
FOREMAN
FORMING-MACHINE OPERATOR
HAIRPIN-MACHINE TENDER
INSPECTOR, SLIDE FASTENERS
IRONER
zipper ironer
KNURLING-MACHINE OPERATOR
LACQUERER
NEEDLEMAKER
NEEDLE STRAIGHTENER
latch-needle straightener
PACKET POLISHER
needle polisher
PIN ATTACHER
PINKING-MACHINE OPERATOR
SAFETY-PIN-ASSEMBLING-MACHINE OPERATOR
SEWING-MACHINE OPERATOR, NYLON ZIPPER
SEWING-MACHINE OPERATOR, ZIPPER
SLIDE-FASTENER-CHAIN ASSEMBLER
assembler, slide fastener stringers
puller
pull-up girl
zipper joiner
SLIDE-FASTENER REPAIRMAN
zipper repairer
SLIDER ASSEMBLER
slider attacher
zipper-slide attacher
STOP ATTACHER
stopper attacher
STRAIGHT-PIN-MAKING-MACHINE OPERATOR
pinmaker
SURGICAL-NEEDLE GRINDER
needle grinder
TOP-STOP ATTACHER
TURNING-AND-BEADING-MACHINE OPERATOR
WIRE COINER
ZIPPER CUTTER

ZIPPER-MACHINE OPERATOR
chain-machine operator
scoop-machine operator
ZIPPER TRIMMER, HAND
zipper measurer
ZIPPER TRIMMER, MACHINE

nonfer. metal alloys—NONFERROUS METAL ALLOYS AND PRIMARY PRODUCTS INDUSTRY: Included under this designation are occupations concerned with making nonferrous metal alloys, such as brass, bronze, babbit, monel, solder, and other white metals; rolling, drawing, extruding, and otherwise forming nonferrous alloys and metals into primary shapes, such as bars, extrusions, pipe, plates, rods, sheets, and tubing; and fabricating other primary nonferrous alloy and metal products not elsewhere classified.

ALODIZE-MACHINE HELPER
ALODIZE-MACHINE OPERATOR
APPROACH-TABLE OPERATOR
BAND-REAMER-MACHINE OPERATOR
BATCH MAKER
CASTER
CASTING-HOUSE HELPER
aluminum-utility man
utility laborer, foundry
CASTING-MACHINE OPERATOR
CASTING Operator
d.c. casting operator
CASTING-OPERATOR HELPER
CENTRIFUGE-SEPARATOR TENDER
CHIP CRUSHER OPERATOR
CHIP DRIER
COIL BINDER
COILER
blocker
coiler operator
slitting-machine coiler
COIL-REWIND-MACHINE OPERATOR
COLD-MILL FOREMAN
COLD-MILL OPERATOR
COLD-MILL RECORDER
DELIVERY-TABLE OPERATOR
DENTAL-AMALGAM PROCESSOR
special-machine operator
DOUBLE-REAMER OPERATOR
DRAW-BENCH OPERATOR I
DRAW-BENCH OPERATOR HELPER
push-bench-operator helper
tube-draw helper
EMBOSSING-MACHINE OPERATOR
FLOORMAN, TRANSFER BAY
FLUOROSCOPE OPERATOR
FLUX MIXER
dross puller
melting-furnace skimmer
skimmer
FOREMAN, DRAWING
FOREMAN, POWDERED METAL
FURNACE CHARGER
fettler
FURNACE HELPER
FURNACE HELPER (nonfer. metal alloys; ore dress., smelt., & refin.)
FURNACE OPERATOR
soaking-pit operator
FURNACE OPERATOR (nonfer. metal alloys; ore dress., smelt., & refin.)
FURNACE TENDER
GENERAL SCRAPMAN
HOT-MILL FOREMAN
HOT-MILL OPERATOR
HYDRAULIC OPERATOR
hydraulic-corrugating-machine operator
IMPREGNATOR
INGOT HEADER
billet header
casting header
header
ingot-pipe filler
pipe-out man
INSPECTOR I
INSPECTOR II
INSPECTOR, BALL POINTS
LABORER, GENERAL
LABORER, SOLDER MAKING
LINER ASSEMBLER
LUBRICATOR-GRANULATOR
MAGNESIUM-MILL OPERATOR
mill operator
METAL EXPEDITER
METAL-FLOW COORDINATOR
materials-handling coordinator
METALLIC-YARN-SLITTING-MACHINE OPERATOR
METAL-RELEASE MAN
METAL-SPONGE-MAKING-MACHINE OPERATOR
METAL-STORAGE MAN
MIESEL-FOIL-SPOOLING-MACHINE OPERATOR
MILL HELPER
lead-sheet cutter
MILL RECORDER
MIXER
blender
NOZZLE-AND-SLEEVE MAN
sleeve-and-nozzle man
NOZZLEMAN
PERMANENT-MOLD FOREMAN
PIERCING-MACHINE OPERATOR
piercer operator
POT EXPEDITER
RECLAMATION FOREMAN
ROD-DRAWING FOREMAN
ROD-PULLER AND COILER
extrusion-press tableman
ROLLING-MILL OPERATOR
ROLLING-MILL-OPERATOR HELPER
SALVAGE MAN
SALVAGE MAN, INSERTS
SCALEMAN
alloyman
charge-gang weigher
SCALPER OPERATOR
broaching-machine operator
scalp-machine operator
SCRAP BALER
SCRAP BALLER
SCRAP SORTER
picker
scrap boy
SET-UP MAN
SHEET-MILL FOREMAN
SINGLE-REAMER OPERATOR
SINTERING-PRESS OPERATOR
SLAB-CONDITIONER FOREMAN
SOAP MAN
SOLDER MAKER
SPOOL WINDER
STEEL CUTTER
STRETCHER-LEVELER OPERATOR
STRETCHER-LEVELER-OPERATOR HELPER
STRUCTURAL-MILL FOREMAN
SUPERINTENDENT, ALLOY DEPARTMENT
TABLE OPERATOR
leverman, table
tableman
TANDEM-MILL OPERATOR
TANDEM-MILL RECORDER
TANDEM-MILL STOCKER
TAPPER
crucible man
TESTER OPERATOR
breaker
breaker operator
nicker and breaker
TESTER-OPERATOR HELPER
TESTER, RECORDING AND CHECKING
TEST PREPARER
sampler
steel sampler
test assembler
test carrier
TONG REPAIRMAN
TUBE DRAWER
draw-bench operator
seamless-tube drawer
TUBE-DRAWING FOREMAN
TUBING-MACHINE OPERATOR
WIRE DRAWING FOREMAN
WIRE-WHEEL OPERATOR

nonprofit organ.—NONPROFIT MEMBERSHIP, CHARITABLE, AND RELIGIOUS ORGANIZATIONS: Covered by this designation are occupations that occur in organizations operating on a nonprofit membership basis for promotion of the interests of the members, typical organizations being those of businessmen and professional persons; workers' organizations for the advancement of labor interests; civil, social, and fraternal clubs and societies, and nonprofit organizations to promote the interests of a national, state, or local political party or candidate; animal humane societies, automobile owners' clubs, farm granges, and historical clubs; and religious and charitable organizations. Membership golf clubs are included in AMUSEMENT AND RECREATION (amuse. & rec.); insurance offices maintained by fraternal organizations in the INSURANCE INDUSTRY (insurance); group health associations in MEDICAL SERVICES (medical ser.); credit unions in FINANCIAL INSTITUTIONS (finan. inst.).

ARCHIVIST, NONPROFIT FOUNDATION
CLOTHING INSPECTOR
garment sorter
textile sorter
CONTRIBUTION SOLICITOR
charity solicitor
funds solicitor
DIRECTOR, COMMUNITY ORGANIZATION
community planning director
director, federated fund
director, united fund
executive, community planning
DIRECTOR, FIELD
field director
DIRECTOR, JOINT FINANCING
DIRECTOR, RELIGIOUS EDUCATION
DISTRICT ADVISER
district director
DISTRICT SCOUT EXECUTIVE
EXECUTIVE VICE PRESIDENT, CHAMBER OF COMMERCE
manager, chamber of commerce
FIELD REPRESENTATIVE
MANAGER, AVIATION AND SPACE
MANAGER, CONSTRUCTION INDUSTRIES
MANAGER, DEPARTMENT, CHAMBER OF COMMERCE
MANAGER, DOMESTIC TRADE
MANAGER, WORLD TRADE
NATIONAL SERVICE OFFICER
liaison officer
national insurance officer
rehabilitation officer
service officer
veterans' claims representative
veterans' counselor
veterans' service officer
PROGRAM DIRECTOR, SCOUTING
RELIGIOUS-AFFAIRS CLERK
SEXTON
janitor, church
verger
TAGGER
TRAVEL COUNSELOR
touring counselor
traveling clerk

nut & bolt—NUT, BOLT, WASHER, AND RIVET INDUSTRY: This industry includes occupations concerned with the manufacture of bolts, nuts, screws, rivets, lock washers, plate washers, turnbuckles, toggle bolts, and similar products.

BOLT-MACHINE OPERATOR, AUTOMATIC
BURRING-MACHINE OPERATOR
FOREMAN
NUT-AND-BOLT ASSEMBLER
nutter-up
NUT FORMER
PRODUCTION-MACHINE TENDER
ROLL-THREADER OPERATOR
TAPPER OPERATOR
TAPPING-MACHINE OPERATOR, AUTOMATIC
TRIMMER OPERATOR

nut process.—NUT PROCESSING AND SHELLING INDUSTRY: This industry includes occupations concerned with shelling, cleaning, roasting, bleaching, and polishing all kinds of nuts except coconuts. The jobs connected with the growing or procurement of nuts are included under AGRICULTURE AND AGRICULTURAL SERVICE (agric.).

ALMOND BLANCHER, HAND
ALMOND-BLANCHER OPERATOR
ALMOND-CUTTING-MACHINE TENDER
ALMOND-GRINDING-MACHINE OPERATOR
ALMOND ROASTER
ALMOND SORTER
DICER-MACHINE OPERATOR
DRIER MAN
nut-dehydrator operator
DRY ROASTER
ELECTRIC-SORTING-MACHINE OPERATOR
nut-sorter operator
FOREMAN
manufacturing foreman
HALVER-MACHINE OPERATOR
MEAT-GRADING-MACHINE OPERATOR
NUT CHOPPER
NUT-PROCESS HELPER
cooker helper
NUT ROASTER
cooker
oven roaster
roaster
NUT-ROASTER HELPER
NUT SORTER
hull cleaner
hull sorter
nut cleaner
nut picker
nut sifter
picking-belt operator
NUT STEAMER
steamer operator
PEANUT BLANCHER
blanching-machine operator
PEANUT ROASTER
PEANUT SORTER
SHELLER I
huller operator
separator man
SHELLER II
crackerman
SLICER-MACHINE OPERATOR
SLIVER-MACHINE OPERATOR
TESTING-AND-ANALYSIS DEPARTMENT FOREMAN
foreman, testing and analysis department
WALNUT-DEHYDRATOR OPERATOR
WET ROASTER

office mach.—OFFICE, COMPUTING, AND ACCOUNTING MACHINES INDUSTRY: This industry covers the manufacture of such machines as adding and calculating machines, digital and analog computers, bookkeeping machines, cash registers, coin changers, fare registers and recording fare boxes, rotary wage tables, slide rules, ticket-counting machines, and addressing, check-writing, mailing, duplicating, and other related machines and devices. The manufacture of typewriters and parts is included in the TYPEWRITERS AND PARTS INDUSTRY (typewriters & parts). The manufacture of electronic components for computers is included in the ELECTRONICS INDUSTRY (electronics).

ASSEMBLER
ASSEMBLER (office mach.; typewriters & parts)
assembler-adjuster
ASSEMBLER, ADDING MACHINE
ASSEMBLY TECHNICIAN
CLEARING INSPECTOR
CUSTOMER-ENGINEERING SPECIALIST
field-service technician, computers
ELECTRONIC-COMPUTER-SUBASSEMBLY FOREMAN
FINAL ASSEMBLER
FINAL INSPECTOR
MACHINE ANALYST
MACHINE TESTER
SAMPLING INSPECTOR
SUBASSEMBLER
UTILITY INSPECTOR
WIREMAN I
WIREMAN II
WIRE-WRAPPING-MACHINE OPERATOR

oils & fats—ANIMAL AND VEGETABLE OILS AND FATS (N.E.C.) INDUSTRY: This industry includes occupations in extracting and refining oils from plant seeds, such as nuts, kernels, and grain, and from animal sources, and treating these oils to produce products, such as shortening, salad oils, margarine, and industrial oils. These operations include extracting and purifying the oils by mechanical or chemical processing, and modifying their physical properties by processes such as hydrogenation (solidifying) or winterizing (removal of fatty stearin). These oils frequently are marketed to other industries before or after refining for use in other products. Processing of byproducts, such as meal, cake, and lint, is included under this industrial designation. Processing corn and its derivatives, including corn oil, is included in the CORN PRODUCTS INDUSTRY (corn prod.). Producing aromatic synthetic oils and perfume bases of coal-tar origin is included in the PRIMARY COAL TAR PRODUCTS INDUSTRY (coal tar prod.); refining fish

oils & fats—continued
and vegetable oils for medicinal purposes is included in the DRUGGISTS' AND TOILET PREPARATIONS AND MEDICINES INDUSTRY (drug. prep. & rel. prod.); rendering grease and soap stock, and tallow from animal parts, and compounding lubricating oils and fats from the same source, are included in the GREASE AND TALLOW INDUSTRY (grease & tallow).

BLEACHER, LARD
lard maker
BLENDER
BLENDER-MACHINE OPERATOR
BLENDER-PLANT OPERATOR
BUTTER LIQUEFIER
butter melter
CAKE FORMER
cake-former runner
former
former man
former puller
CAKE PULLER
knocker
CAKE STRIPPER
CATALYST OPERATOR
CATALYST-RECOVERY OPERATOR
CENTRIFUGE OPERATOR
separator, fish oil
CHURN-AND-MILK MAN
churn operator
vatman
CHURNER
picker box operator
CLARIFIER
COOKER, MEAL
cooker
heater tender
meal cook
meal temperer
COTTON PULLER
CRUSHER TENDER
DEODORIZER
DRIER TENDER I
DRIER TENDER II
EMULSIFICATION OPERATOR
EXPELLER OPERATOR
FAT-PURIFICATION WORKER
acidulator
FOREMAN
GENERAL HELPER
HARDENER
HYDROGENATION OPERATOR
clarifier
LARD REFINER
LINSEED-OIL-PRESS MAN
linseed-oil-mill man
LINSEED-OIL REFINER
refinery operator
LINTERMAN
ginner
linter
LINTER-SAW SHARPENER
linter-saw-sharpening-machine operator
saw filer
sharpener
MAT SEWER
MIXING-TANK OPERATOR
mix man
OIL-EXPELLER MAN
OLEO-HASHER-AND-RENDERER
ORDER FILLER, LINSEED OIL
PACKAGING FOREMAN
PANMAN
cake panman
charger
cottonseed-meat presser
pan shaker
pan shoveler
pan shover
PASTEURIZER
REFINERY FOREMAN
REFINING-MACHINE OPERATOR
SAMPLER
SEED-CLEANER OPERATOR
seed cleaner
seed-cleaning-machine operator
SHARPLES-MACHINE OPERATOR
SHORTENING MAN
VOTATOR-MACHINE OPERATOR
WEIGH-TANK OPERATOR
scale-tank operator
weigh man
WHIPPED-TOPPING FINISHER
WINTERIZER
oil winterizer

optical goods—OPTICAL GOODS INDUSTRY: This industry includes occupations in grinding lenses and manufacturing optical goods. The major products are spectacles, eyeglasses, goggles, eyeglass frames, lenses, prisms, opera and field glasses, microscopes, and telescopes.

ABRASIVE GRADER
ABRASIVE-GRADER HELPER
ARTIFICIAL-GLASS-EYE MAKER
ocularist, glass
ARTIFICIAL-PLASTIC-EYE MAKER
artificial-eye maker
artificial-eye technician, plastic
fitter-and-maker, artificial eye
laboratory technician, artificial eye
ASSEMBLER, CLIP-ON SUNGLASSES
ASSEMBLER, GOLD FRAME
ASSEMBLER, MOLDED FRAMES
frame assembler
BACKSIDE POLISHER
BENCHMAN II
BENCH WORKER II
miterer
piercer
slotter
BEVELER
edger
smoother
BLOCK CLEANER
BLOCKER
lens blocker
BURR GRINDER
edging-machine catcher
edging-machine feeder
CATARACT-LENS GENERATOR
CEMENTER
CLIP DIPPER
clip baker
dipper
CONTACT-LENS-CURVE GRINDER
peripheral-curve grinder
CONTACT-LENS-EDGE BUFFER
buffer
edger
CONTACT-LENS FINAL INSPECTOR
final inspector
CONTACT-LENS-FLASHING PUNCHER
puncher
CONTACT-LENS INSPECTOR
lens inspector
CONTACT-LENS MOLDER
molder, contact lens
CONTACT-LENS-MOLD FINISHER
mold polisher
CONTACT-LENS POLISHER
lens polisher
COUNTERSINK GRINDER
COUNTERSINK POLISHER
CUTTER-AND-WEIGHER
DRILLER
EMBOSSER-AND-TRIMMER
EXPEDITER CLERK
EYEGLASS-FRAME INSPECTOR
spectacles-frame inspector
EYEGLASS-LENS CUTTER
lens cutter
FELT CUTTER
FINAL ASSEMBLER
FINISHED-CAMERA-LENS INSPECTOR
FINISHED-EYEGLASS-LENS INSPECTOR
FINISHED-INSTRUMENT-LENS INSPECTOR
FLAT-OPTICAL-ELEMENT MAKER
optical technician
test platemaker
FOREMAN
FOREMAN, ASSEMBLY DEPARTMENT
FOREMAN, CONTACT LENS
FOREMAN, GLASS MOLDING
FOREMAN, MULTIFOCAL LENS
FOREMAN, PRECISION OPTICAL INSTRUMENTS
FOREMAN, SUNGLASSES
FRAME CARVER, SPINDLE
frazer operator
FUSING-FURNACE LOADER
furnace clerk
picker
FUSING-LINE INSPECTOR
FUSING-ROOM FOREMAN
FUSION-JUNCTURE GRINDER
special grinder
GLASS CHECKER
transmission-machine operator
GLASS CUTTER
GLASS SHADER
GRINDER, HAND
backside grinder
GRINDING-AND-POLISHING FOREMAN
GROOVER
frame groover
HEATING-FIXTURE TENDER
melter
INSPECTION FOREMAN
INSPECTOR
INSPECTOR, CLIP-ON SUNGLASSES
INSPECTOR, MULTIFOCAL LENS
INSPECTOR, OPTICAL ELEMENTS
optical-element inspector
INSTRUMENT-LENS CENTERER AND EDGER
INSTRUMENT MAKER
instrument assembler
precision-lens mounter
LAP-TRUING-MACHINE OPERATOR
LATHE OPERATOR, CONTACT LENS
contact lens cutter
LAY-OUT MAN, BENCH
finish lay-out man
lens marker
marking man
spotter
LENS ASSEMBLER
LENS-BLANK FINISHER
glass finisher
LENS-BLANK GAGER
clocker
lens assorter
neutralizer
sizer
LENS-BLANK MARKER
lens engraver
stamper
LENS-BLANK-THICKNESS GRINDER
LENS BLOCKER-AND-CUTTER
blocker-and-cutter
LENS-BLOCK GAGER
LENS CEMENTER
LENS-COATING INSPECTOR
LENS-EDGE GRINDER, HAND
edger
LENS-EDGE GRINDER, MACHINE
edger
lens edger
LENS EDGER, AUTOMATIC
edge grinder, automatic
LENS EXAMINER
inspector-in-process
lens assorter
lens inspector
LENS-GENERATING-MACHINE FOREMAN
LENS-GENERATING-MACHINE TENDER
curve-generator operator
diamond-drill operator
grinder, automatic
lens generator
LENS GENERATOR I
generator
LENS GRINDER I
grinder and polisher
LENS GRINDER, BENCH
LENS GRINDER, CYLINDRICAL
LENS GRINDER, SPHERICAL
LENS HARDENER
LENS INSERTER
roll-over loader
LENS INSPECTOR II
final inspector
LENS MOLDER I
LENS MOLDER II
molder
LENS-MOLD SETTER
mold setter
LENS MOUNTER I
LENS POLISHER I
LENS POLISHER, CYLINDRICAL
LENS POLISHER, SPHERICAL
METAL-FRAME INSERT MAN
lens mounter
MICROMACHINE OPERATOR
MOLDER HELPER
feeder
MOLDING-ROOM FOREMAN
MOUNTER AND REPAIRER
assembler
benchman
bench worker
lens mounter
optical mounter
prescription-lens mounter
spectacle-lens mounter
MULTIFOCAL-BUTTON ASSEMBLER
button assembler
MULTIFOCAL-BUTTON GENERATOR
MULTIFOCAL-BUTTON GRINDER
topside grinder
MULTIFOCAL-BUTTON INSPECTOR
MULTIFOCAL-BUTTON POLISHER
MULTIFOCAL-LENS ASSEMBLER
OPTICAL-ELEMENT CLEANER
prism cleaner
lens cleaner
OPTICAL-ELEMENT COATER
coater
coating-machine operator
OPTICAL-FLAT MAKER
OPTICAL-GLASS ETCHER
glass etcher
OPTICAL-GLASS SILVERER
silverer
OPTICAL MODEL MAKER AND TESTER
model maker-tester
OPTICAL TECHNICIAN I
OPTICIAN
optical mechanic
OPTICIAN APPRENTICE
ophthalmic-technician apprentice
optical-mechanic apprentice
OPTICIAN, DISPENSING
PITCH WORKER
PLASTIC-FRAME INSERT MAN
lens mounter
POLISHED-LENS-BLANK INSPECTOR
POLISHER I
lap polisher
POLISHER II
POLISHER, IMPLANT
hand polisher
implant polisher
POLISHING-PAD MOUNTER
pad maker
PRECISION-LENS GENERATOR
PRECISION-LENS GRINDER
lens grinder
optical technician
PRECISION-LENS-GRINDER APPRENTICE
instrument-lens-grinder apprentice
lens-grinder apprentice
PRECISION-LENS POLISHER
PRECISION-OPTICAL WORKER
PREPARATIONS FOREMAN
PRESCRIPTION CLERK
PRISM MEASURER
prism inspector
REDUCING-MACHINE OPERATOR
ROLL-OVER-PRESS OPERATOR
ROUGE MIXER
ROUGE SIFTER AND MILLER
sifter and miller
SALVAGER
SHELLACKER
SILK SCREENER
SIZER, MACHINE
SMOOTHING-MACHINE OPERATOR
SPECTACLES TRUER
spectacles frame or mounting truer
STONE ROUGHER
lens grinder, rough
stone operator
STONE SETTER
jewelry setter
STONE SETTER, METAL OPTICAL FRAMES
SUPERINTENDENT-OF-TANKS
SURFACE-LAY-OUT MAN
SURFACER
grinder, prescription lens
TOPSIDE INSPECTOR
TOPSIDE POLISHER
TRIM MOUNTER
metal trimmer
plaque mounter
TRUER
WET INSPECTOR, OPTICAL GLASS
optical-glass inspector
ZYL MOUNTER
zylo mounter

ordnance—ORDNANCE AND ACCESSORIES (N.E.C.) INDUSTRY: This industry includes occupations concerned with manufacturing torpedo tubes, catapult guns, rocket projectors, solid-propellant rocket motors, and other ordnance and accessories not elsewhere classified.

ASSEMBLER, IGNITER
AUTOMOTIVE-TEST-SHOP SUPERVISOR
AUTOMOTIVE-TIRE TESTER
AUTOMOTIVE-TIRE-TESTER FOREMAN
CAMOUFLAGE ASSEMBLER
CASE PREPARER-AND-LINER OPERATOR
CURING-OVEN TENDER
FOREMAN, ROCKET PROPELLANT PLANT
PACKER
PROCESS INSPECTOR
RESTRICTIVE-PREPARATION OPERATOR
STATIC-TEST OPERATOR
TRUCK-ASSEMBLY MECHANIC
auto repairman
TRUCK-ASSEMBLY-MECHANIC HELPER

ore dress., smelt., & refin.—NONFERROUS METAL SMELTING AND REFINING INDUSTRY: This designation includes occupations concerned with the dressing, smelting, and refining of nonferrous metal ores, such processes including the entire treatment of materials from the crude ore to the finished metals or minerals. It embraces (1) crushing to reduce ore to workable size, (2) fine grinding to further reduce the ore to a size amen-

able to the extraction of gold and silver or to the concentration of minerals containing the valuable metals or the ore, (3) concentration to separate the valuable metals or metal-bearing minerals from the waste minerals, (4) roasting to drive off the sulfur and other volatile constituents of the ore, (5) the reduction of the ore to its metallic and nonmetallic constituents by melting in a furnace, and (6) the refining of the recovered metal by further heat treatment, electrolytic methods, or both. This industry also includes the recovery of nonferrous metals from scrap and dross.

ACID-CONDITIONING MAN
ADOBE-BALL MIXER
ALUMINA-PLANT FOREMAN
line foreman
shift adjuster
AMALGAMATOR
plateman
ANODE-CREW FOREMAN
service-crew foreman
ANODE MAN
BALANCE-TANK OPERATOR
BALL-MILL CHARGER
BLANKET WASHER
BLOWER MAN
BOTTOM-PRECIPITATOR OPERATOR
BRIQUETTING-MACHINE OPERATOR
pellet-press operator
CARBON-FURNACE OPERATOR
CARBON-FURNACE-OPERATOR HELPER
CARBON SETTER
CARNALLITE-PLANT OPERATOR
CASTER
metal pourer
CASTING-WHEEL OPERATOR
casting-machine operator
pourer
CASTING-WHEEL-OPERATOR HELPER
CELL-FEED-DEPARTMENT FOREMAN
CELL PLASTERER
CERTIFIED-TEST CLERK
CHANNEL MAN
CHARGE WEIGHER
CLARIFIER OPERATOR
CLARIFIER-OPERATOR HELPER
CLASSIFIER MAN
CLASSIFIER OPERATOR
hydrate-thickener operator
tray thickener man
CONDENSER MAN
CONDENSER SETTER
CONE MAN
CONTROL MAN
CONVERTER FOREMAN
COPPER-FLOTATION OPERATOR
COTTRELL OPERATOR
dust operator
CRUSHER FOREMAN
crusher-plant boss
crusher-shift foreman
CRUSHER MAN
ore crusher
CRYOLITE-RECOVERY OPERATOR
DESILVERIZER
DEWATERER OPERATOR
calciner feed man
kiln-head house operator
DIGESTION OPERATOR
DRIER MAN
drier operator
rotary-drier operator
DROSSMAN
DUST COLLECTOR, ORE CRUSHING
rotoclone man
DUST PULLER
flue dust laborer
ELECTRIC-ARC-FURNACE OPERATOR
EQUIPMENT-CLEANER-AND-TESTER
FILTER-PLANT FOREMAN
FIREMAN I
FLAKER OPERATOR
drier-and-evaporator operator
finishing-pan operator
flaking-machine operator
pan operator
FLOTATION MAN
cement-copper-dissolution man
FLOTATION-MAN HELPER
FLUX MIXER
dross puller
melting-furnace skimmer
skimmer
FOREMAN, BLAST FURNACE
FOREMAN, CELL MAINTENANCE
FOREMAN, CELL OPERATIONS
FOREMAN, LEAD REFINERY
FOREMAN, PUMPING
FOREMAN, REVERBERATORY FURNACE
FOREMAN, SHEET MANUFACTURING
FOREMAN, SINTERING PLANT
FOREMAN, URANIUM PROCESSING
FURNACE CHARGER
fettler
FURNACE OPERATOR
GENERAL-HANDLING FOREMAN
GREASE-MACHINE MAN
GRINDER, CARBON PLANT
GRINDER-MILL OPERATOR
GRINDING-MILL OPERATOR
GRIZZLY WORKER
chute blaster
chute tapper
drawman
pluggerman
sorter
GROUTMAN
HAMMER-MILL OPERATOR
shredder operator
HERRESHOFF-ROASTER OPERATOR
HOT-BILLET-SHEAR OPERATOR
HOT-METAL-CRANE OPERATOR
HYDRATE-CONTROL MAN
INGOT HEADER
billet header
casting header
header
ingot-pipe filler
pipe-out man
ION-EXCHANGE OPERATOR
IRON-LAUNDERER OPERATOR
JANITOR, ASSAY OFFICE
JANITOR, MILL
KETTLEMAN I
fireman
KETTLEMAN II
KETTLEMAN, GOLD
KETTLEMAN, PLATINUM AND PALLADIUM
KETTLE OPERATOR
KILNMAN
KILN OPERATOR
calciner operator
KILN-OPERATOR HELPER
calcination helper
LABORER, GENERAL
floorman
LADLE MAN
LEACHER
solution man
LEAD LOADER
LEAD MOTORMAN
LEAD OPERATOR
LEAF COVERER
LINERMAN
LOOPER
MANOMETER TECHNICIAN
METAL CHECKER
MILL FOREMAN
foreman, grinding
foreman, ore dressing
mill shifter
MILL-LABOR FOREMAN
MIXER OPERATOR, CARBON PASTE
MIX-HOUSE MAN
MIXING-PAN TENDER
MOLD DRESSER
chipper
equipment man
mold chipper
MOLD MAKER
MOLD-MAKER HELPER
MOLYBDENUM-FLOTATION OPERATOR
MOLYBDENUM-LEACHING-PLANT OPERATOR
MOLYBDENUM-ROASTER OPERATOR
MOLYBDENUM-STEAMER OPERATOR
MUD BOSS
MUD-MILL MAN
pug-mill man
MUD-MIXER OPERATOR
mixer man
mixer operator
mud grinder
mud-mill man
mud-mill operator
NICKEL-PLANT OPERATOR
PANEL-BROAD OPERATOR
additive-plant operator
conveyor attendant
crusher operator
grinding-mill operator
mill attendant
wash-box operator
PIN PULLER
POT LINER
POT-LINING FOREMAN
POTMAN
pot puncher
POT-ROOM FOREMAN
line foreman
pot-room-shift foreman
PRECIPITATOR I
PRECIPITATOR II
PRECIPITATOR OPERATOR
PRESSMAN, CARBON BLOCKS
PUG-MILL OPERATOR
mixer tender
REAGENT MAN
REAGENT-MAN HELPER
RECLAMATION-MAN, METAL
RECOVERY OPERATOR
RECOVERY-OPERATOR HELPER
RED-MUD THICKENER
REDUCTION-PLANT FOREMAN
REPAIRMAN
REPAIRMAN, JUNIOR
RODDING-ANODE MAN
ROD-MILL MAN
regrind-mill operator
ROLL REPAIRMAN
SAMPLEMAN
raw sampler
sample carrier
SAMPLER, FIRST
SAMPLER, HEAD
SCALE-RECLAMATION MAN
SCREENMAN
SCREEN OPERATOR
screenman helper
SELENIUM-PLANT OPERATOR
SETTLEMAN CLERK
SHEET HANGER
SILICA-SPRAY MIXER
slurry plant operator
SINTER-MACHINE OPERATOR
burner man
SKIMMER, REVERBERATORY
SLAG MOTORMAN
SLIME-PLANT OPERATOR I
SLIME-PLANT OPERATOR II
slime press and filterman
SLIME-PLANT-OPERATOR HELPER
SLUDGE MAN
SLURRY-CONTROL MAN
SMELTERMAN
SMOKE TESTER
SPOUTMAN
STAMPMAN
batteryman
stamper
STARTING-SHEET-TANK OPERATOR
STRAP SETTER
STRIPPER
STRIPPER TRUCKMAN
STUD DRIVER
SUPERINTENDENT, ALUMINA PLANT
TABLEMAN
TAILINGS-DAM LABORER
spigotman
TAILINGS-DAM PUMPMAN
TAILING-THICKENER OPERATOR
TANK-HOUSE MAN
system man
TANK-HOUSE-MAN HELPER
precipitator man helper
system man helper
TANKMAN
TAPPER
crucible man
TAPPER FOREMAN
TAPPER HELPER
THICKENER OPERATOR
millman
TOOL REPAIRMAN
TOP-PRECIPITATOR OPERATOR
TOP-PRECIPITATOR-OPERATOR HELPER
TREATERMAN, COTTRELL
TROLLEY-CAR MOTORMAN
TROMMEL MAN
TUNGSTEN REFINER
chemical operator
WATER-TREATMENT-PLANT OPERATOR
WEIGHER-AND-CRUSHER MAN
WEIGHER-UP
metal man
scaleman
WEIGHER-UP—Continued
scale tender
weigher
WET-PAN MIXER
WET-PLANT OPERATOR
YARD FOREMAN
ZINC-CHLORIDE OPERATOR

paint & varn.—PAINT AND VARNISH INDUSTRY: Included in this industry are occupations concerned with the manufacture of paints in paste form, paints mixed ready for use, varnishes, lacquers, calcimines, japans, putty, enamels, fillers, stains, and shellac. Jobs concerned with the manufacture of bone black, carbon black, and lampblack are classified in the BONE BLACK, CARBON BLACK, AND LAMPBLACK INDUSTRY (bone, carbon, & lampblack).

BARYTES GRINDER
BLACK-ASH MAN
BULK-PIGMENT REDUCER
CADMIUM-LIQUOR MAKER
liquor maker
CALCINE-FURNACE MAN
kiln operator
CALCINE-FURNACE-MAN HELPER
calcine-furnace loader
CARTER OPERATOR
CENTRIFUGE OPERATOR
CHEMIST, PAINT
CHIP-APPLYING-MACHINE TENDER
chip applicr
COLOR-CARD MAKER
COVER MARKER
DRY-WHITE-LEAD GRINDER
grinder, lead
millman, dry grinder
millman, white lead
white-lead grinder
ENAMEL SHADER
EQUIPMENT CLEANER
FOREMAN, FILLING-AND-PACKING
FOREMAN, GRINDING
FOREMAN, MIXING
FOREMAN, PAINT
department supervisor
FOREMAN, PUTTY AND CALKING
FOREMAN, RED-LEAD-AND-LITHARGE
furnace-room foreman
litharge-and-red-lead foreman
red-lead-and-litharge foreman
FOREMAN, TANK CLEANING
FOREMAN, THINNING-TINTING
FOREMAN, VARNISH
tankroom foreman
FOREMAN, WHITE LEAD
white-lead-department foreman
FORMULA FIGURER
FURNITURE-FINISH BLENDER
GLASS ENAMEL MIXER
GLASS-FURNACE MAN
furnaceman
LABORER, GENERAL
LACQUER BLENDER
LACQUER FILTERER
LACQUER MAN
lacquer maker
lacquer mixer
millman
LACQUER SHADER
LATEX-PAINT SHADER
LEAD BLOWER
lead-furnace operator
LINSEED-OIL-PRESS MAN
MIXER
batch mixer
MIXER—Continued
blender
mixer man
mixer operator
striker
OIL-PAINT SHADER
PAINT AND VARNISH TECHNICIAN
PAINT GRINDER
crusher man
grinder man
grinder operator
stock grinder
PAINT MAKER
PAINT-SAMPLE CLERK
PANEL FINISHER
PASTE MIXER
PASTE THINNER
PEBBLE-MILL OPERATOR
PIGMENT MIXER
PULP-MACHINE OPERATOR
PUTTY MAKER
PUTTY TINTER-MAKER
RED-LEAD BURNER
oxide-furnace man
RESIN FILTERER
ROLLER-MILL OPERATOR
paint grinder, roller mill
roll-mill man
roll-mill operator
SALVAGE SUPERVISOR
SAMPLE-COLOR MAKER
brush-out man
rub-out man
SPIRIT-VARNISH MAKER
STAIN MAKER
STONE-MILL OPERATOR
burr-mill operator
paint grinder, stone mill
stone-grinder operator
STRAINER
TANK CLEANER
chipper
THINNER
blender
reducer
TINTER
color matcher
color shader
finish mixer
paint tinter
shader
VARNISH FILTERER
VARNISH INSPECTOR
base-varnish inspector
solids inspector
varnish classifier
VARNISH MAKER
blender
cooker, varnish
varnish blender
varnish melter
VARNISH-MAKER HELPER
VARNISH THINNER
WHITE-LEAD FILTERER
WHITE-LEAD MAKER

paper & pulp—PAPER AND PULP INDUSTRY: Included under this designation are those jobs concerned with the manufacture of pulp, and the production of paper, molded pulp goods, and paperboard of all kinds made from either wood pulp or rags. Coating, glazing, waxing, and gumming paper is also included in this industry.

ACCURAY TESTER
ACID MAKER
AIR-DRIER-MACHINE TENDER
continuous-loft operator
BACK TENDER, CYLINDER
BACK TENDER, FOURDRINIER
BACK TENDER, PAPER MACHINE
second hand, paper machine
BACK TENDER, PULP DRIER
BALERMAN
BEATER ENGINEER
beater operator
BEATER-ENGINEER HELPER
beaterman
beater-operator helper
BEATERMAN, LEAD
BLACK-ASH-BURNER OPERATOR
fireman, recovery
incinerator man
BLACK-ASH-CONVEYOR MAN
BLEACH-BOILER FILLER
bleach-boiler packer
filler
BLEACH-BOILER PULLER
BLEACHER MAN, GROUNDWOOD PULP
BLEACHER MAN, KRAFT PULP
BLEACHER MAN, PULP
BLEACHER MAN, SULFITE PULP
BLEACH-LIQUOR MAKER
BLOCK-SPLITTER OPERATOR
splitterman
BLOW-PIT MAN
blow-pit operator
BROKE-BEATER MAN
BROKE HANDLER
BROWN-STOCK WASHER
washerman, pulp
CAUSTICISER
caustic-liquor maker
CAUSTIC OPERATOR
CENTRIFUGAL-SCREEN TENDER
CHIP-BIN MAN
chip deliveryman
chip-loft man
chip-silo tender
green-end man
CHIPPERMAN
CHIPPERMAN, LOG
log chipper
CHIP UNLOADER
CLAY-COATING-MACHINE TENDER
COATING-LINE CHECKER
COATING-MACHINE OPERATOR
grounding-machine operator
paper coater
COATING-MACHINE-OPERATOR, HARDBOARD
paint-coating-machine operator
COATING-MACHINE-OPERATOR HELPER
COATING MIXERMAN
clayman
COLORMAN
COMBINER OPERATOR
combiner-sheet operator
hot-melt-machine operator
laminating-machine operator
paster operator
solid-fiber-paster operator
COMBINER-OPERATOR HELPER
combiner helper
combiner rollman
hot-melt-machine-operator helper
laminating-machine-operator helper
paster, second man
CONTROL INSPECTOR
COOKER MAN
COOKER, SODA
COOKER, SULFATE
COOKER, SULFITE
CORE-CUTTER AND REAMER
CUT-OFF SAWYER, LOG
butt sawyer
deckman
deck sawman
timber trimmer
CUTTER
CUTTERMAN HELPER
rotary-cutter helper
CUTTERMAN, WET MACHINE
lap man
roll skinner
sheet taker
skinner
web-machine tender
wet-press tender
CYLINDER-MACHINE TENDER
CYLINDER-MACHINE TENDER, PULP DRIER
DAMPENER OPERATOR
DECKER MAN
filterman
DIGESTER OPERATOR
cook
digester cook
DIGESTER-OPERATOR HELPER
cook helper
digester-cook helper
pulp-making plant operator
DRIER OPERATOR
DRUM-BARKER OPERATOR
DRY-END TESTER
EVAPORATOR OPERATOR
FIBER TECHNICIAN
FINAL INSPECTOR, PAPER
head paper tester
FIREMAN HELPER
FOREMAN, BEATER ROOM
beater foreman
beaterman, head
FOREMAN, BLEACH PLANT
FOREMAN, COREMAKER
FOREMAN, PAPER-MACHINE
paper-machine foreman
FOREMAN, PULP PLANT
FOREMAN, RAG-ROOM
FOREMAN, WET-ROOM
wet-room foreman
FOREMAN, WOOD-ROOM
wood mill foreman
wood-preparation foreman
FORMING-MACHINE OPERATOR
FOURDRINIER-MACHINE TENDER
fourdrinier operator
paper-machine tender
FOURDRINIER-PAPER-MACHINE FOREMAN
GRINDER MAN
GRINDER MAN, HEAD
foreman, groundwood mill
ground-wood foreman
HEAD SAWYER, AUTOMATIC
double-cut sawyer
HIGH-DENSITY FINISHING OPERATOR
HIGH-DENSITY-TALC-COATER OPERATOR
HUMIDIFIER OPERATOR
HUMIDIFIER-OPERATOR HELPER
HYDRAULIC-BARKER OPERATOR
HYDRAPULPER
INSPECTOR
JORDAN MAN
KNIFE SETTER, GRINDER MACHINE
knife changer
LABORER, RAGS
apron operator
LAYBOY TENDER
cutter girl
jogger operator
sheeter helper
LEACHER
LIME-KILN OPERATOR
lime slaker
LIME-SLUDGE KILN OPERATOR
kiln operator, lime sludge
LIME-SLUDGE MIXER
LOADER, MAGAZINE GRINDER
magazine loader
LOG SCALER
lumber scaler
pulpwood scaler
MACHINE-CLOTHING MAN
feltman
MATRIX DRIER MAN
MOISTURE-CONDITIONER OPERATOR
OILING-MACHINE OPERATOR
PAPER COATER
PAPER SLITTER
PAPER SORTER AND COUNTER
inspector and counter
overlooker
sorter, counter
PAPER TESTER
PLATER GIRL
PLATE WORKER
composition-board-press operator
high-density press operator
hot-press operator
PLATING-MACHINE OPERATOR
plater
plater man
POCKET-GRINDER OPERATOR
PONDMAN
boom man
chute feeder
hoister
PONDMAN—Continued
jacker feeder
log-chain feeder
poler
sinker man
sinker puller
slip feeder
swingman
POND SCALER
PONY-ROLL FINISHER
POWER-BARKER OPERATOR
PRESS LOADER
PULP-AND-PAPER TESTER
PULPER
breaker-beater man
slusher operator
PULP-PRESS MAN
hydraulic-press man
PULP REFINER OPERATOR
PULP TESTER
PUMP INSPECTOR
pumpman
PUMP-PRESS OPERATOR
RAG CUTTER
cutter operator
RAG INSPECTOR
inspector, rag sorting
RECOVERY OPERATOR
RIFFLER MAN
RING-GRINDER OPERATOR
ROD-MACHINE OPERATOR
ROLL BOY
ROLL FINISHER
roll wrapper
ROLL WEIGHER
SAMPLEMAN, PAPER
laboratory assistant
SAVE-ALL OPERATOR
SCALER, WOOD
demurrage man
measureman
wood scaler
SCREEN HANDLER
SCREENMAN
SCREENMAN, CHIPS
chip screen man
SCREEN TENDER
cooked-stock screenman
screen-room operator
SCREEN-TENDER HELPER
screen clean-up man
screen washer
SHEETER OPERATOR
SIDE-SEAM-ENVELOPE-MACHINE OPERATOR
SIDING COREBOARD INSPECTOR
SIZE MAN
starch and prosize mixer
SLASHER OPERATOR
slasher
tail sawyer
wood sawyer
SLITTER-AND-CUTTER OPERATOR
STOCK PITCHER
SUPERCALENDER OPERATOR
SUPERCALENDER-OPERATOR HELPER
SUPERINTENDENT, BOARD MILL
THRASHER FEEDER
rag-willow operator
TILE-MACHINE OPERATOR
TOWERMAN
limerock man
TRANSFER OPERATOR
deck transfer man
transfer control operator
TREATING-PLANT OPERATOR
TUBE LANCER
UNLOADER OPERATOR
WASHER ENGINEER
washerman
WET-END TESTER
WET-MACHINE TENDER
lap machine operator
pulp-machine operator
WHITE-TUBE STRIPPER
WINDER-MAN HELPER
WINDER MAN, PAPER MACHINE
WOOD HACKER
block chopper, hand
block hacker
spudder
wood barker
YARD FOREMAN
YARD LABORER

paper goods—PAPER GOODS INDUSTRY: This industry covers occupations concerned with making paper, paperboard, and cardboard products, such as cardboard boxes, cards, containers, envelopes, paper bags, tags, tubes, spools, cones, mailing cases with or without metal ends, paper napkins, towels, and straws. The making of bags from cellulose, polyethylene, glassine, and similar films from purchased materials is also included in this industry. Making paper, paperboard, and cardboard from pulp and other materials is included in the PAPER AND PULP INDUSTRY (paper & pulp).

ADJUSTABLE-DIE CUTTER
APPLE-LINER MACHINE OPERATOR
ASSEMBLER, HAND
inserter
ASSEMBLY INSPECTOR
AUTOMATIC-MACHINE ATTENDANT
machine assembler
BAG-MACHINE OPERATOR
bag-making-machine operator
BAG-MACHINE-OPERATOR HELPER
BAG-MACHINE SET-UP MAN
BAG MAKER, HAND
bag gluer
paper-bag maker, hand
BAG REPAIRER
BAG SEWER
bag-end sewer
BAG STRINGER
BANDER, HAND
BAR CREASER
BARRIER GIRL
BENDER, MACHINE
bending-machine operator
BOARD-LINING-MACHINE OPERATOR
BOOK-JACKET-COVER-MACHINE OPERATOR
BOTTOMING-MACHINE OPERATOR
BOX COVERER, HAND
bander
box maker, hand
BOX ESTIMATOR, PAPERBOARD PRODUCTS
BOX-LINING-MACHINE FEEDER
BULK-SEALER OPERATOR
CARTON-FORMING-MACHINE TENDER
CARTON-WAXING-MACHINE OPERATOR
CELLOPHANE-BAG-MACHINE OPERATOR
COMBINATION VALVING-AND-SEWING-MACHINE OPERATOR
COMBINER OPERATOR
combiner-sheet operator
hot-melt-machine operator
laminating-machine operator
paster operator
solid-fiber-paster operator
COMBINER-OPERATOR HELPER
combiner helper
combiner rollman
hot-melt-machine-operator helper
laminating-machine-operator helper
paster, second man
COMPENSATOR
CONE TREATER
CONVOLUTE-TUBE WINDER
COREMAKER
CORNER CUTTER
corner-cutter-machine operator
CORRUGATED-BOX ESTIMATOR
CORRUGATED OPERATOR
corrugated-combining-machine operator
CORRUGATED-OPERATOR HELPER
COUNTER, HAND
COVER STRIPPER
box-covering-machine operator
covering-and-wrapping-machine operator
stripping-machine operator
top-and-bottom paperer
trimmer operator, automatic
wrapping-machine operator
CREPING-MACHINE OPERATOR
crinkling-machine operator
CREPING-MACHINE-OPERATOR HELPER
CUT-OFF-MACHINE OPERATOR
paper-tube cutter
trimming-machine operator
tube cutter
CUT-OFF-MACHINE OPERATOR, AUTOMATIC
CUTTING-AND-CREASING PRESSMAN
creasing-and-cutting pressman
cylinder-cutting pressman
cylinder-die-machine operator
DIE MAKER
steel-rule die maker

DIE-MAKER APPRENTICE
steel-rule-die-maker apprentice
DIE MOUNTER
DIRECTOR, MERCHANDISING DISPLAYS AND SPECIALTIES DEPARTMENT
DOMER
DOUBLE-CORNER CUTTER
DOUBLE-ENDING-MACHINE OPERATOR
DOUBLE-END SEWER
DOUBLE-FACING-CORRUGATING-MACHINE OPERATOR
DOUBLE-FOLD-MACHINE OPERATOR
DRILL-PUNCH OPERATOR
EDGE STRIPPER
edger
EMBOSSER OPERATOR
calender man
roll-embosser operator
ENDING-MACHINE OPERATOR
ENVELOPE-MACHINE OPERATOR
envelope-fold operator
folder, machine
ENVELOPE-MACHINE SET-UP MAN
envelope-folding-machine adjuster
EXPANSION ENVELOPE MAKER, HAND
EXTENSION EDGER
extension-edge-machine operator
flanging-machine operator
french-edge operator
FINISHING-MACHINE OPERATOR
FIVE-PIECE-EXPANSION MAKER, HAND
FOLDED-TOWEL-MACHINE OPERATOR
FOLDER, HAND
envelope folder
hand folder
table worker
FOLDING-CARTON ESTIMATOR
FOLDING-MACHINE FEEDER
FOLDING-MACHINE OPERATOR
multifold operator
FOREMAN, PAPER PRODUCTS
FOUR-CORNER-STAYER-MACHINE OPERATOR
guard stayer
staying-machine operator
FRILL MAKER
chop-holder maker
GARMENT-TAG STRINGER
GLUER AND SLICER, HAND
GLUING-MACHINE ADJUSTER
GUSSET MAKER
INSPECTOR, PAPER PRODUCTS
bag inspector
KNOTTING-MACHINE OPERATOR
LACE-PAPER-MACHINE OPERATOR
LAUNDRY-BAG-PUNCH OPERATOR
LAYBOY TENDER
cutter girl
jogger operator
sheeter helper
LINER-MACHINE OPERATOR
paster operator
LINER-MACHINE-OPERATOR HELPER
MACHINE OPERATOR, GENERAL
MACHINE SET-UP MAN, PAPER GOODS
MANAGER, GRAPHIC ARTS
MILK-BOTTLE-CAP-MAKING-MACHINE OPERATOR
NAPKIN-BAND WRAPPER
NAPKIN-MACHINE OPERATOR
ONE-PIECE-EXPANSION MAKER, HAND
PACKAGING ENGINEER
PANEL-MACHINE OPERATOR
PANEL-MACHINE SET-UP MAN
PAPER-BAG INSPECTOR
PAPER-BAG-PRESS OPERATOR
PAPER BALER
PAPER-CONE-DRYING-MACHINE OPERATOR
PAPER-CONE GRADER
PAPER-CONE-MACHINE TENDER
body-rolling-machine tender
PAPER-CONE-TIP PASTER
PAPER-CORE-MACHINE OPERATOR
PAPER-CUP-MACHINE OPERATOR
PAPER-NOVELTY MAKER
copyist
novelty maker
PAPER-PATTERN FOLDER
PAPER-PATTERN INSPECTOR
PAPER-REEL OPERATOR
cord-reel operator
paper reeler
reel cutter
reel operator
PAPER SLITTER
PAPER-TUBE GRADER
PAPETERIE-TABLE ASSEMBLER
PARAFFIN-MACHINE OPERATOR
paraffin-machine fiber-lid-feeder
PARTITION-MAKING-MACHINE OPERATOR
PATCH-MACHINE OPERATOR
window-machine operator
PATTERN CHART-WRITER
PATTERN MAN
PLATEN-PRESS OPERATOR
blanker pressman
PLUNGER-MACHINE OPERATOR
POLYETHYLENE-BAG-MACHINE OPERATOR
POLYETHYLENE COMBINER
POLYETHYLENE-COMBINER HELPER
PRINTER-SLOTTER FEEDER
creasing-and-cutting-press feeder
cutting-and-creasing-press feeder
press feeder
PRINTER-SLOTTER HELPER
PRINTER-SLOTTER OPERATOR
cutting-and-creasing-press operator
PROCESS-MACHINE OPERATOR
gummed-tape-press operator
PRODUCTION CLERK, PAPERBOARD PRODUCTS
production expediter
PUNCHBOARD ASSEMBLER I
punchboard inserter
punchboard stuffer
PUNCHBOARD ASSEMBLER II
PUNCHBOARD-FILLING-MACHINE OPERATOR
stuffing-machine operator
RACK CARRIER
REWINDER OPERATOR
pony winder
rewinder
roll winder
RIBBON-HANKING-MACHINE OPERATOR
RING-MAKING-MACHINE OPERATOR
ROLL RECLAIMER
ROLL WEIGHER
ROTARY-ENVELOPE-MACHINE OPERATOR
RUBBER
grainer, hand
paint rubber
sprayer helper
RUF-SPOOLING-MACHINE OPERATOR
RULING-MACHINE OPERATOR
SAMPLE MAKER, HAND
SAMPLEMAN, PAPER
laboratory assistant
SCORER
SCORER, DOUBLE
SCORER HELPER
bar-creaser helper
scoring-machine-operator helper
SCORER, SINGLE
SCRAPPER
air-hammer stripper
breaker
knocker-off
pecler
SEALING-MACHINE OPERATOR
SET-UP BOX ESTIMATOR
SHOT-TUBE-MACHINE TENDER
SINGLE-CORNER CUTTER
SINGLE-ENDING-MACHINE OPERATOR
SINGLE-END SEWER
SINGLE-FACING-CORRUGATING-MACHINE OPERATOR
SINGLE-FOLD-MACHINE OPERATOR
SLEEVER
SLITTER-AND-CUTTER OPERATOR
SLITTER-CREASER-SLOTTER OPERATOR
SLITTER-CUT-OFF OPERATOR
SLITTER-SCORER-CUT-OFF OPERATOR
slitter-scorer
SLOTTER OPERATOR
SMUTTER
SOLID-DIE CUTTER
SPIRAL BINDER
wire-spiral binder
SPIRAL-MACHINE OPERATOR
SPIRAL-TUBE WINDER
winder
SPIRAL-TUBE-WINDER HELPER
spiral-winding-machine helper
winder helper
STEEL-TIE ADJUSTER, AUTOMATIC
tin-tie-machine operator, automatic
STITCHER SET-UP MAN, AUTOMATIC
STRAP-MACHINE OPERATOR
strap-making-machine operator
STRINGER
hand worker
STRINGING-MACHINE OPERATOR
wire-machine operator, automatic
wiring-machine operator
STRING-TOP SEALER
STRIPER MAN
STRIPPING-MACHINE OPERATOR I
binder operator
TABBER
inserter
tagger
TAG-MACHINE OPERATOR
TAKE-OFF MAN
TAPE-FASTENER-MACHINE OPERATOR
tie fastener
TIGHTENING-MACHINE OPERATOR
TOWEL BANDER
TRIMMER, HAND
TUBE INSPECTOR
TUBE-MACHINE OPERATOR
tube maker
tube-making-machine operator
TUBE-MACHINE-OPERATOR HELPER
tuber back tender
TUBE MAKER I
cellophane-bag maker
TUBE-WINDING-MACHINE OPERATOR
winding-machine operator
TYING-MACHINE OPERATOR
VALVING-MACHINE OPERATOR
WASTE-PAPER-HAMMERMILL OPERATOR
WAXED-BAG-MACHINE OPERATOR
WAXING-MACHINE OPERATOR
sheeter-waxer operator
wax-coating-machine tender
waxer operator
WAXING-MACHINE-OPERATOR HELPER
WEAVER
WEB-FOLDING-MACHINE OPERATOR
WRAPPING-MACHINE OPERATOR I
covering-machine operator

particle board—PARTICLE BOARD INDUSTRY: This industry includes occupations concerned with the manufacture of particle board by mixing wood chips with resin, spreading the mixture into a sheet, hot-pressing the sheet to uniform thickness, and trimming and finishing boards to specifications. Occupations of a general woodworking character not peculiar to this industry are included in WOODWORKING (woodworking).

CHIP-MIXING-MACHINE OPERATOR
chip mixer
glue-mixer operator
glue-plant operator
DRIER OPERATOR
EXTRUDER OPERATOR
EXTRUDER OPERATOR, HORIZONTAL
EXTRUDER OPERATOR, MULTIPLE
EXTRUDER OPERATOR, VERTICAL
FOREMAN, PARTICLE BOARD

pen & pencil—PEN, PENCIL, MARKING DEVICE, AND ARTISTS' MATERIALS MANUFACTURING INDUSTRY: Included under this designation are jobs concerned with the manufacture of pens, fountain pens, ballpoint pens, refill ink cartridges, metal pen points, and mechanical pencils; wood-cased lead pencils, holders, and leads; crayons; rubber and metal hand stamps, stamp pads, seals, and dies; steel letters and figures; stencils and irons for marking and branding merchandise; artists' materials, such as drawing boards, palettes, colors, waxes, and drafting equipment; carbon paper; inked ribbons for typewriters and other business machines; and related merchandise. The manufacture of drafting instruments is included in the INSTRUMENTS AND APPARATUS INDUSTRY (inst. & app.); the manufacture of drawing, writing, and stamp pad inks is included in the INK INDUSTRY (ink).

ASSEMBLER
ASSEMBLER, MARKING DEVICES
marker assembler
ASSEMBLER, MECHANICAL PENCILS AND BALLPOINT PENS
air-hammer operator
bench-assembler operator
lead girl
small kick-press operator
small press operator
tip tightener
ASSEMBLY-MACHINE FEEDER
ASSEMBLY-MACHINE OFF-BEARER
ASSEMBLY-MACHINE OPERATOR
BANDER
pen assembler
BLISTER PACKER
CARBON-COATER-MACHINE OPERATOR
coater, carbon paper
CARBON-PAPER-COATING-MACHINE-SET-UP MAN
CARTRIDGE ASSEMBLER
CARTRIDGE FEEDER
CEMENTER
CHALK-CUTTING-MACHINE OPERATOR
CHALK-EXTRUDING-MACHINE OPERATOR
CHALK-MOLDING-MACHINE OPERATOR
CLAMPER
hydraulic-press operator
COATING-MACHINE OPERATOR
painting-machine operator
CRAYON-MOLDING-MACHINE OPERATOR
CRAYON-SORTING-MACHINE FEEDER
DATER ASSEMBLER
DESK-PEN-SET ASSEMBLER
bench-assembler operator
DIPPER
ENGRAVER, RUBBER
engraver, signature
ENGRAVER, SEALS
FELT-TIPPING-MACHINE TENDER
tipping-machine operator
FOREMAN, ASSEMBLY
FOREMAN, CUTTING DEPARTMENT
FOREMAN, ENGRAVING
FOREMAN, FINISHING DEPARTMENT
FOREMAN, INSPECTION
FOREMAN, PAINTING DEPARTMENT
FOREMAN, RUBBER STAMPS AND DIES
FORMULA WEIGHER
FOUNTAIN-BRUSH ASSEMBLER
FOUNTAIN PEN TURNER
FOUNTAIN-ROLLER ASSEMBLER
GLUE-MACHINE OPERATOR
lead-laying-and-gluing-machine operator
GOLD-NIB GRINDER
GROOVING-MACHINE OPERATOR
bench-boring-machine operator
GUILLOTINE OPERATOR
HEADING-MACHINE OPERATOR
end trimmer
trimming-machine operator
HYDRAULIC-BILLET MAKER
HYDRAULIC-PRESS MAN
finish pressman
lead former
IMPREGNATOR
impregnator operator
INJECTION-MOLDING-MACHINE OFF-BEARER
molding-machine operator
INSPECTOR
nib adjuster
INSPECTOR, FINAL ASSEMBLY
INSPECTOR, RUBBER-STAMP DIE
KNURLING-MACHINE OPERATOR
screw-machine operator
MOLDING-MACHINE TENDER
mixing-and-molding-machine operator
NIB ASSEMBLER
NIB FINISHER
NIB INSPECTOR
PEN ASSEMBLER
PENCIL INSPECTOR
pencil sorter

pen & pencil—Continued

PLATE MOLDER
PLUG CUTTER
cut-off machine operator
PRINTER
REPAIRMAN, PENS AND PENCILS
salvage clerk
RIBBON INKER
inking-machine tender
RIBBON WINDER
spooler
typewriter-ribbon winder
ROLL-SLICING-MACHINE TENDER
inter-fold roll cutter
ROUNDING-MACHINE OPERATOR
shaping-machine operator
RUBBER-ROLLER GRINDER
RUBBER-STAMP MAKER
stamp maker
SANDER, WOODEN PENCILS
SET-UP MAN
SET-UP MAN, COATING MACHINES
SET-UP MAN, HEADING MACHINES
SET-UP MAN, STAMPING MACHINES
SHEETER, CARBON PAPER
SIZING-MACHINE OPERATOR
drum sander
end trimmer
trimmer
SMOOTHER
pen-point smoother
SPOOLER I
STAMPING-MACHINE OPERATOR
STAMP MOUNTER
rubber-stamp assembler
STAMP-PAD FINISHER
STAMP-PAD MAKER
STENCIL INSPECTOR
SWAGER OPERATOR
TIP BANDER
tip-banding-machine operator
TIPPING-MACHINE OPERATOR I
tipper
VULCANIZER, RUBBER PLATE

per. ser.—PERSONAL SERVICE: This designation includes occupations concerned with rendering services either upon or for persons and animals or upon personal effects. With very few exceptions, the services rendered are personal in the sense that there is fairly close and often physical contact between the providers and recipients of the services; or the services are performed on personal effects, such as wearing apparel. These services characteristically are performed in establishments devoted primarily to the rendering of such services, but they also are performed in establishments operated for other purposes. Typical of the services covered are those performed in the following establishments: barber shops; beauty parlors; costume and dress-suit rental agencies; garment alteration and repair shops; glove repair shops; photographic studios; physical culture schools and gymnasiums; public baths, including turkish baths, sulfur baths, and steam baths; shoe repair shops; shoe shine shops; textile weaving (re-weaving) and mending shops; and undertaking establishments.

ALTERATION TAILOR
alterer
busheler
bushelman
clothes mender
clothes repairer
mender
BARBER
haircutter
tonsorial artist
BARBER APPRENTICE
BEAUTY-PARLOR MAID
BLIND AID
blind-man attendant
clerk guide
escort, blind
BODYGUARD
undercover agent
BOOTBLACK
boot polisher
shine boy
shoe polisher
shoe-shine boy
CATERER
CATERER HELPER
CHAPERON
CHAUFFEUR, FUNERAL CAR
funeral driver
CHILD-CARE ATTENDANT, SCHOOL
COOLING-ROOM ATTENDANT
alcohol rubber
slumber-room attendant
COSMETOLOGIST
beautician
beauty culturist
beauty operator
cosmetician
COSMETOLOGIST APPRENTICE
beautician apprentice
beauty-culturist apprentice
beauty-operator apprentice
cosmetician apprentice
COUNTERGIRL
CREMATOR
DESK CLERK
cage clerk
deskman
guest clerk
locker-room clerk
DIRECTOR, FUNERAL
manager, funeral home
mortician
undertaker
DOG GROOMER
dog bather
dog beautician
dog-hair clipper
DRESSER
DRY-HEAT-CABINET ATTENDANT
DRY-HEAT-ROOM ATTENDANT
ELECTROLOGIST
electric-needle specialist
ELECTROLOGIST—Con.
electrolysis operator
EMBALMER
EMBALMER APPRENTICE
ESCALATOR ATTENDANT
ESCORT
guide escort
FACIAL OPERATOR
FINGER WAVER
FINISH RUBBER
FUNERAL ATTENDANT
deskman
doorman
undertaker assistant
usher
FUNERAL-LIMOUSINE DRIVER
GLOVE REPAIRER
glove-repair clerk
GUIDE
guide, visitor
GUIDE, ALPINE
GUIDE, CRUISE
GUIDE, DELEGATE
GUIDE, DOMESTIC TOUR
GUIDE, FOREIGN TOUR
GUIDE, SALESMAN
GUIDE, SIGHTSEEING
barker
cicerone
spieler
GUIDE, TRAVEL
guide, excursion
guide, itinerary
guide, tour
HAIR STYLIST
hairdresser
HAIR TINTER
HEARSE DRIVER
HOME ATTENDANT
HOSIERY MENDER
darner
hosiery repairer
mender, hand
mender, machine
HOT-ROOM ATTENDANT
electric-bath attendant
porter, bath
public-bath maid
sweat-box attendant
tub boy
LADY ATTENDANT
embalmer assistant, female
funeral-home attendant, female
mortuary beautician
LOCKER-ROOM ATTENDANT
cage clerk
dressing-room attendant
floorman
locker attendant
locker-room clerk
personal attendant
suit attendant
MANAGER, BARBER SHOP
MANAGER, BEAUTY SHOP
MANAGER, CEMETERY
superintendent, cemetery
MANICURIST
MARCELLER
MASSEUR
bath attendant
bath-house attendant
MASSEUR—Continued
bathman
rubber
MASSEUSE
PALLBEARER
PANTS BUSHELMAN
PATCHER
block inserter
mender
repairer
PERMANENT WAVER
PHOTOGRAPHER, STREET
PHOTO-MACHINE OPERATOR, MINIATURE
cameraman, minature, automatic
photo-booth boy or girl
photographer, miniature, automatic
photomation-machine operator
REDUCING-MACHINE OPERATOR
REDUCING-SALON ATTENDANT
REPAIR ESTIMATOR
repair clerk
RUBBER I
bath attendant
rubdown boy
RUSSIAN RUBBER
SCALP-TREATMENT OPERATOR
hair-and-scalp specialist
scalp specialist
trichologist
SERVICE-ESTABLISHMENT ATTENDANT
SHAMPOOER
SHOE DYER
shoe tinter
SHOE-REPAIR FOREMAN
SHOE REPAIRMAN
cobbler
jackman
shoemaker
SHOE-REPAIRMAN HELPER
SHOWER ATTENDANT
STEAM-ROOM ATTENDANT
SUPPLY CLERK
dispensary girl
storekeeper
TAILOR APPRENTICE, ALTERATION
alterer apprentice
TAILOR, MEN'S READY-TO-WEAR
TAILOR, WOMEN'S-GARMENT ALTERATION
TATTOO ARTIST
jagger
tattooer
tattooist
TURKISH RUBBER
VEST BUSHELMAN
WEAVER, HAND
french weaver
inweaver
overweaver
repair weaver
reweaver
section weaver
thread weaver
WIG DRESSER
hair dresser

petrol. production—PETROLEUM AND NATURAL GAS PRODUCTION INDUSTRY: This industrial designation covers occupations concerned with extracting, through wells drilled into oil- or gas-bearing strata, crude petroleum and natural gas from the earth. The operations include prospecting for gas or oil, erecting derricks, drilling wells by the cable tool method and the rotary drilling method, controlling the natural flow of the fluids, pumping of the fluids, and the cleaning out of productive wells.

ACIDIZER
acid treater, oil well
oil-well acidizing treater
oil-well-service operator
ACIDIZER HELPER
acid-treater assistant, oil well
oil-well acidizing-treater assistant
oil-well-service-operator helper
ACOUSTICAL LOGGING ENGINEER
BACK-UP MAN
BAILER
BOTTOM-HOLE-PRESSURE-RECORDING OPERATOR
oil-well-bottom-hole-pressure-recording operator
BOTTOM-HOLE-PRESSURE-RECORDING-OPERATOR HELPER
BULK-STATION OPERATOR
CABLE DRILLER
cable-tool driller
driller
well driller
CARGO INSPECTOR
dockman
CASER
casing-crew man
CATHEAD MAN
CEMENTER HELPER, OIL WELL
oil-well-service-operator helper
CEMENTER, OIL WELL
oil-well cementer
oil-well-tool operator
CHIEF CLERK, MEASUREMENT DEPARTMENT
CHIEF DISPATCHER
CLAIM MAN
claim agent
CLEAN-OUT DRILLER
clean-out man
fisherman
well cleaner
CLEAN-OUT-DRILLER HELPER
clean-out-man helper
COMPUTER, CHIEF, SEISMOGRAPH
COMPUTER, ELECTRICAL PROSPECTING
COMPUTER, GRAVITY PROSPECTING
COMPUTER, MAGNETIC PROSPECTING
COMPUTER, PROSPECTING
COMPUTER, SEISMOGRAPH
seismic coordinator
CORE ANALYST
core analysis engineer
CRUDE-OIL TREATER
dehydrator operator
dehydrator-plant operator
production operator
pumper
treater
DERRICKMAN
rotary derrickman
DERRICKMAN HELPER
DESIGN ENGINEER, OIL WELL EQUIPMENT
DIRECTIONAL-DRILLING ENGINEER
drilling engineer
DISPATCHER, CHIEF I
chief dispatcher
DISPATCHER, CHIEF II
district superintendent, gas and gasoline
general-office dispatcher
superintendent, pressure
DISPATCHER, CHIEF, GAS
DISPATCHER, CHIEF, OIL
DISPATCHER, OIL
oil dispatcher
DISPATCHER, OIL WELL SERVICES
DISTRICT SUPERVISOR, MUD-ANALYSIS WELL LOGGING
mud-analysis-well-logging supervisor, district
mud engineer
mud-logging superintendent
DIVISIONAL LANDMAN
DIVISION MATERIAL SUPERVISOR
DRAFTSMAN, DIRECTIONAL SURVEY
DRAFTSMAN, GEOLOGICAL
DRAFTSMAN, GEOPHYSICAL
DRAFTSMAN, OIL AND GAS
DRAFTSMAN, SEISMOGRAPH
DUMPER-BAILER OPERATOR
ELECTRICAL FOREMAN
ELECTRICAL-LINE SPLICER
cable splicer
ELECTRICAL-PROSPECTING ENGINEER
electrical engineer, geophysical prospecting
ELECTRICAL PROSPECTOR
ENGINEER, CHIEF
ENGINEER, CHIEF, DRILLING AND RECOVERY
ENGINEER, CHIEF, PIPE LINE
ENGINEER, CHIEF, PRODUCTION
FIELD ENGINEER
FIELD ENGINEER, SPECIALIST
FIELD FOREMAN, OIL-WELL SERVICES
FILE CLERK, GEOLOGICAL RECORDS
FISHING-TOOL TECHNICIAN, OIL WELL
oil-well-fishing-tool operator
FIRE-TRUCK DRIVER
FOREMAN, MAINTENANCE-AND-CONSTRUCTION
FOREMAN, PIPE LINES
gang supervisor, pipe lines
roustabout, head
FOREMAN, PRODUCTION
lease foreman
production foreman
FOREMAN, RECLAMATION
reclamation foreman
FOREMAN, RIG BUILDING
rig-building-crew foreman
rig-building foreman
FORMATION-FRACTURING OPERATOR
hydrafrac operator
oil-well-service operator
FORMATION-FRACTURING-OPERATOR HELPER
hydrafrac-operator helper
oil-well-service-operator helper
FORMATION-TESTING OPERATOR
oil-well formation tester
testing-tool operator
GAGER
field gager

GAGER—Continued
pipe-line gager
tank-farm gager
terminal gager
GAGER, CHIEF
chief gager
district gager
GAS DISPATCHER
load dispatcher
GAS ENGINEER
GASMAN
GASMAN, HEAD
head gasman
GENERAL MANAGER, PETROLEUM PRODUCTION
GEOLOGIST, PETROLEUM
GEOPHYSICAL-LABORATORY SUPERVISOR
director, geophysical laboratory
engineer, chief, geophysical laboratory
research engineer, geophysical laboratory
superintendent, geophysical laboratory
GEOPHYSICAL PROSPECTOR
GRAVITY-METER OBSERVER
GRAVITY PROSPECTOR
GUN-PERFORATOR LOADER
HOIST OPERATOR
winch operator
HYDRAULIC OIL-TOOL OPERATOR
INSTRUMENT-MAKER-AND-REPAIRMAN
LABORATORY ASSISTANT I
analyst, geochemical prospecting
laboratory tester
LABORER
roustabout
LEAD-TONG MAN
LEASEMAN
landman
lease buyer
leaser
LINE WALKER
line rider
trouble shooter
MAGNETIC PROSPECTOR
MAGNETOMETER OPERATOR
MANAGER, CHIEF, MATERIAL
material supervisor
toolhouse foreman
MANAGER, CONTRACTS
supply representative, petroleum products
MANAGER, DRILLING-AND-PRODUCTION
MANAGER, FIELD PARTY, GEOPHYSICAL PROSPECTING
field-party manager
MANAGER, LEASING
general manager, land department
land-and-leases supervisor
land department head
landman, chief
lease agent
leases-and-land supervisor
manager, land department
superintendent, land department
MANAGER, NATURAL GAS UTILIZATION
MANAGER, RENTAL DEPARTMENT
land-records-and-titles supervisor
MANAGER, RENTAL DEPARTMENT—Continued
manager, contracts-and-titles
titles-and-land-records supervisor
MATERIAL YARDMAN
MINING INVESTIGATOR
MUD-CLEANING-MACHINE OPERATOR
MUD-PLANT OPERATOR
mud-mixing-plant operator
NUCLEAR LOGGING ENGINEER
OBSERVER, ELECTRICAL PROSPECTING
electrical-logging engineer
electrical-prospecting operator
OBSERVER, GRAVITY PROSPECTING
gravity-prospecting operator
recorder, gravity prospecting
OBSERVER HELPER, GRAVITY PROSPECTING
gravity-prospecting-operator helper
recorder helper, gravity prospecting
OBSERVER HELPER, SEISMIC PROSPECTING
observer helper
recorder helper, seismograph
seismograph-operator helper
OBSERVER, SEISMIC PROSPECTING
field seismologist
geophysical operator
section-plotter operator
OIL-FIELD-PIPE-LINE FOREMAN
OIL-PIPE INSPECTOR
pipe inspector
OIL-PIPE-INSPECTOR HELPER
pipe-inspector helper
OIL PUMPER
oil-well pumper
pumper
OIL-TOOL MAINTENANCE MAN
tool repairman
PALEONTOLOGICAL HELPER
laboratory assistant
PERFORATOR OPERATOR, OIL WELL
gun perforator
oil-well gun-perforator operator
PERMIT AGENT, GEOPHYSICAL PROSPECTING
PETROLEUM ENGINEER
PETROLEUM ENGINEER, CHIEF
PIPE RACKER
PIPE TESTER
PNEUMATIC-JACK OPERATOR
De Long jack operator
PROSPECTING DRILLER
core driller
driller
rotary driller, prospecting
shot-hole driller
PROSPECTING-DRILLER HELPER
PUMPER, HEAD
field operator
RADIOACTIVITY-INSTRUMENT-MAINTENANCE TECHNICIAN
radioactivity technician
RESEARCH ENGINEER, CHIEF
RIG BUILDER
climber
derrick builder
rigger
RIG-BUILDER HELPER
groundman
RIG REPAIRMAN
ROTARY DRILLER
core driller
driller
well driller
ROTARY-DRILLER HELPER
driller helper
floorman
rotary helper
roughneck
ROTARY DRILLER, MARINE OPERATIONS
ROTARY-RIG ENGINEMAN
diesel- or gas-engine engineer
engineman
gas- or diesel-engine engineer
ROUSTABOUT II
connection man
gang man
roughneck
SALES ENGINEER, OIL-WELL SERVICES
SAMPLE WASHER
SCOUT
SCOUT, CHIEF
scout, senior
SECTION-PLOTTER OPERATOR
SEISMIC PROSPECTOR
SERVICEMAN, OIL WELL
oil-well-electrical-wall-sampling-device operator
rigman, electric well-services
sample-taker operator
SERVICE-UNIT OPERATOR, OIL WELL
electric well-service rigman
oil-well-sounding device operator
SHOOTER
nitro man
oil-well shooter
torpedo shooter
well shooter
SHOOTER HELPER, SEISMOGRAPH
SHOOTER, SEISMOGRAPH
shot-hole shooter
SHOP FOREMAN
electronics supervisor
research-shop foreman
SUPERINTENDENT, DRILLING AND PRODUCTION
district superintendent
division superintendent
SUPERINTENDENT, GAS AND NATURAL GASOLINE
SUPERINTENDENT, MEASUREMENT
measurement superintendent
SUPERINTENDENT, OIL-FIELD DRILLING
SUPERINTENDENT, OIL-WELL SERVICES
manager, oil-well services
SUPERINTENDENT, PRODUCTION
SUPERINTENDENT, SHALLOW EXPLORATORY DRILLING
SUPERVISOR, MAPPING
SUPPLY REPRESENTATIVE, DRY GAS
SURVEYOR, GEOPHYSICAL PROSPECTING
SURVEYOR, OIL-WELL DIRECTIONAL
oil-well-logging engineer
SWABBER
TANK SETTER
tank builder
TANK-SETTER HELPER
tank builder helper
TECHNICAL OPERATOR
directional man
drilling inspector
THREAD INSPECTOR
pipe-thread inspector
TITLE CLERK
TOOL DRESSER
cable-tool dresser
dresser
TOOL PUSHER
drilling foreman
drilling-tool foreman
lease foreman
superintendent, drilling
TOOL PUSHER, SHALLOW-EXPLORATORY DRILLING
WATER-TRUCK DRIVER
WELL-LOGGING, CAPTAIN, MUD ANALYSIS
mud-analysis-well-logging captain
WELL-LOGGING OPERATOR, MUD ANALYSIS
mud-analysis-well-logging operator
WELL PULLER
casing puller
clutchman
pipe puller
pulling-machine operator
rig operator
rodman
tube puller
work-over rig operator
WELL PULLER, HEAD
head well-puller

petrol. refin.—PETROLEUM REFINING INDUSTRY: This industry embraces occupations concerned with the refining of crude petroleum by such methods as distillation, absorption, extraction, adsorption, thermal and catalytic cracking and reforming, polymerization, coking, alkylation, treating, and blending. The principal products are gasoline, kerosene, fuel and lubricating oils, gases, solvents, asphalts (including paving materials), waxes, greases, and petroleum coke.

ABSORPTION-PLANT OPERATOR
ABSORPTION-PLANT-OPERATOR HELPER
ACID-TANK CLEANER
ACID TREATER
ALKYLATION OPERATOR
ALKYLATION TOWERMAN
ASPHALT BLENDER
BARREL-HOUSE MAN
BATCH-UNIT TREATER
BENZENE-REFINING FOREMAN
BLENDER
gasoline finisher
lead blender
BUTADIENE OPERATOR, CHIEF
BUTANE-COMPRESSOR OPERATOR
CARGO INSPECTOR
dockman
CAR INSPECTOR
tank-car inspector
CATALYST OPERATOR, GASOLINE
CATALYST-OPERATOR HELPER, GASOLINE
CHART CLERK
yield clerk
CHEMIST HELPER, PETROLEUM
laboratory-inspector helper
student assistant
tester assistant
CLAY-PLANT TREATER
CLAY ROASTER
burner
burner man
burner operator
clay burner
earth burner
COMPOUNDER
COMPOUNDER HELPER
compound houseman
CONSTRUCTION-AND-MAINTENANCE INSPECTOR
CONTROL MAN
houseman
operator, control room
CONTROL MAN, CRACKING UNIT
CONTROL MAN, CRUDE UNIT
CONTROL MAN, POLYMERIZATION UNIT
COOLING-TOWER OPERATOR
CRUDE-OIL TREATER
DISPATCHER, CHIEF I
chief dispatcher
DISPATCHER, CHIEF II
district superintendent, gas and gasoline
general-office dispatcher
superintendent, pressure
DISPATCHER, CHIEF GAS
DISPATCHER, CHIEF OIL
DISPATCHER, OIL
oil dispatcher
DRAFTSMAN, CHIEF, OIL AND GAS
DRAFTSMAN, OIL AND GAS
ELECTRICIAN, REFINERY
ETHYLBENZENE-CRACKING FOREMAN
ETHYL BLENDER
FIELD-MECHANICAL-METER TESTER
mechanical-meter tester
meter inspector
FIREMAN
FIRE MARSHAL, REFINERY
FOREMAN, DEHYDROGENATION
catalyst foreman
dehydrogenation operator, head
FOREMAN, DOCK
dock foreman
terminal foreman
wharfman, head
FOREMAN, DOCK—Con.
wharf tender, head
FOREMAN, MAINTENANCE
gang boss
gang pusher
maintenance foreman
FOREMAN, NATURAL-GAS PLANT
plant foreman
FOREMAN, PURIFICATION
chief operator
chief operator, hydroformer
extraction foreman
fractionation foreman
fractionation operator, head
FOREMAN, SALVAGE
reclamation foreman
salvage foreman
FOREMAN, SPECIALTY PLANT
loading foreman
FOREMAN, TANK CLEANING
FOREMAN, TOWER
FOREMAN, TREATING AND PUMPING
treating and pumping foreman
FUEL-OIL-DELIVERY MAN
FUEL-RESEARCH ENGINE OPERATOR
knock-machine operator
motor tester
GAGER
field gager
pipeline gager
tank-farm gager
terminal gager
GAGER, CHIEF
chief gager
district gager
GAS-DELIVERY MAN
GAS DISPATCHER
load dispatcher
GAS-GOVERNOR REPAIRMAN
GAS-GOVERNOR-REPAIRMAN HELPER
gas-regulator-repairman helper
GENERAL MANAGER, REFINERY
GREASE MAKER
GREASE MAKER, HEAD
foreman, grease making
HYDROGEN TREATER
LABORER, FILTER PLANT
LABORER, PETROLEUM REFINERY
process helper
utility man
yardman
LEAD-RECOVERY MAN, CONTINUOUS-NAPHTHA-TREATING PLANT
utility man
LEAKMAN, PARAFFIN PLANT
LINE WALKER
line rider
trouble shooter
LOADING-RACK FOREMAN
loading foreman
rack foreman
LUBE-OIL COMPOUNDER
MANAGER, BULK PLANT
field operating superintendent
MANAGER, CONTRACTS
supply representative, petroleum products
MECHANICAL INSPECTOR
inspector

petrol. refin.—continued

METER-AND-REGULATOR-SHOP FOREMAN
meter-shop foreman
regulator-and-meter shop foreman
MOLDER, WAX
NAPHTHA PLANT TREATER
PAINTER, BARREL
PARAFFIN-PLANT OPERATOR
waxman
wax pumper
PARAFFIN-PLANT-SWEATER MAN
sweater operator
sweat man
PILOT-PLANT OPERATOR
PRESSMAN, PARAFFIN PLANT
PROCESS-CONTROL-CLERICAL SUPERVISOR
PROPERTY-AND-EQUIPMENT CLERK
PUMPMAN I
process pumper
pumpman, treating
pump operator
still-pump operator
PUMPMAN II
pumper
PUMPMAN HELPER
pumper helper
PURIFICATION OPERATOR
PURIFICATION-OPERATOR HELPER
REFINERY CHIEF
SALVAGE MAN
salvage repairman
valve repairman, reclamation
SALVAGE-MAN HELPER
salvage-repairman helper
SAMPLER
laboratory sampleman
sample boy
SOLVENT-PLANT TREATER
SOLVENT-TREATING-PLANT CONTROL MAN
STILL-AND-TANK INSPECTOR
STILL CLEANER, TUBE
STILLMAN
operator, refinery
STILLMAN, ALKYLATION
STILLMAN, COKING
STILLMAN, CRACKING UNIT
STILLMAN, CRUDE UNIT
STILLMAN, GAS PLANT
STILLMAN HELPER
stillman, assistant
STILLMAN HELPER, CRACKING UNIT
STILLMAN HELPER, CRUDE UNIT
STILLMAN, LIGHT-ENDS RECOVERY
STILLMAN, POLYMERIZATION PLANT
STILLMAN, REFORMING UNIT
STILLMAN, VAPOR RECOVERY UNIT
STILLMAN, VISBREAKING
STYRENE OPERATOR, CHIEF
SUPPLY REPRESENTATIVE, DRY GAS
TANK-CAR CLEANER
TANK-TRUCK DRIVER
TAR HEAT-EXCHANGER CLEANER
TEST-ENGINE EVALUATOR
research-test-engine evaluator
TEST-ENGINE OPERATOR
research-test-engine operator
TESTER
crude tester
gas analyst
laboratory inspector
laboratory technician
laboratory tester
oil tester
TITLE CLERK
TRAILER-TANK-TRUCK DRIVER
TREATER
continuous-unit treater
stillman, B-treating unit
treating-plant operator
TREATER HELPER
WAX TREATER
WEDGE-FURNACE KILNMAN
WHARFINGER, HEAD

phonograph—PHONOGRAPH INDUSTRY: This industry includes occupations in the manufacture of phonographs, turntables, and record changers; and of parts and accessories, such as pickups, arms, needles (playing styluses), cutting styluses, cartridges, and records. Also included is the manufacture by reproduction of prerecorded sound tapes. The manufacture of electronic components and parts is included in the ELECTRONICS INDUSTRY (electronics). The manufacture of electrical components and parts is included in the ELECTRICAL EQUIPMENT INDUSTRY (elec. equip.).

ANALYSIS GIRL
ASSEMBLY ADJUSTER
record-changer adjuster
BREAKER TABLEMAN
CENTER-PUNCH OPERATOR
COMPOUND WORKER
DISK-RECORDING-MACHINE OPERATOR
DUBBING-MACHINE OPERATOR
FOREMAN, FINISHING DEPARTMENT
FOREMAN, RECORD PRESS
GRINDER
INJECTION-MOLDING-MACHINE TENDER
machine tender
LABELING-MACHINE OPERATOR
MAINTENANCE MECHANIC, RECORD PROCESS EQUIPMENT
maintenance man
MATRIX-BATH ATTENDANT
MATRIX-GROOVE ROLLER
MATRIX WORKER
finisher
MOLD SETTER I
die setter
set-up man, plastics-molding machine
MOTHER REPAIRMAN
PHONOGRAPH-CARTRIDGE ASSEMBLER
cartridge assembler
PHONOGRAPH-NEEDLE-TIP MAKER
grinder, needle tip
needle grinder
single-pointed operator
PICK-UP-COIL WINDER
PLATE CHANGER
plate setter
PLAY-BACK MAN
tape duplicator
QUALITY-CONTROL INSPECTOR
matrix inspector
mother tester
RECORD-CHANGER ASSEMBLER
RECORDING-MACHINE OPERATOR
recording technician
RECORD-PRESS TENDER
press operator
RECORD TESTER
ROLLERMAN
SAPPHIRE-STYLUS GRINDER
SILVER-SPRAY MAN
SOUND MIXER
mixer operator
music mixer
operator, chief
recording engineer
studio engineer
studio technician
sound man
TAPE DUPLICATOR
TAPE-RECORDING-MACHINE OPERATOR
WEIGH-UP MAN
WIRE-RECORDING-MACHINE OPERATOR

photo. apparatus—PHOTOGRAPHIC APPARATUS AND MATERIALS INDUSTRY: This industry includes jobs concerned with the manufacture of photographic apparatus, equipment, parts, attachments, and accessories, such as still and motion picture cameras and projection apparatus; photocopy and microfilm equipment; blueprinting and diazotype (white printing) machines; tripods, plate holders, film rewinders, and reels; developing tanks, sensitized film, paper, cloth; dry plates and films; lantern and steriopticon slides, and slide viewers. The manufacture of lenses is included in the OPTICAL GOODS INDUSTRY (optical goods).

ASSEMBLER
ASSEMBLER, FILM DEVELOPER
ASSEMBLER, MOTION-PICTURE CAMERAS
ASSEMBLER, PHOTOGRAPHIC EQUIPMENT
ASSEMBLER, PLASTIC PARTS
BELLOWS MAKER
bellows assembler
camera repairman, bellows
BLUEPRINT-PAPER-COATING-MACHINE OPERATOR
CAMERA ASSEMBLER
CAMERA-CASING INSPECTOR
CAMERA INSPECTOR
photographic-equipment inspector
CAMERA-SHUTTER ASSEMBLER
DENTAL-X-RAY-FILM ASSEMBLER
DYE MIXER
FIELD-SERVICE ENGINEER
FILM INSPECTOR
FILM-MAKING-MACHINE TENDER
FILM-ROLLER INSPECTOR
FILM SPOOLER
FOREMAN, COATING
METER ASSEMBLER
MOTION-PICTURE-CAMERA INSPECTOR
OZALID-PAPER COATER
PAPER-COATING-MACHINE OPERATOR
coater
sensitizer
PASTER
PHOTOGRAPHIC-PAPER-COATING-MACHINE OPERATOR
PHOTOMETER REPAIRMAN
PROJECTOR ASSEMBLER
SAMPLEMAN
SCREEN REPAIRMAN
SENSITIZED-PAPER TESTER
SYNCHRO ASSEMBLER
X-RAY-SCREEN MAKER

pipe & boiler cov.—STEAM PACKING AND OTHER PIPE AND BOILER COVERING MANUFACTURING INDUSTRY: This industry covers occupations concerned with the manufacture of packing for steam, water, and other pipe joints, and for mechanical equipment such as engines and compressors; insulating materials for covering boilers and pipes; and gaskets made of fiber, paper, or any combination of these materials. Occupations concerned with the manufacture of cork gaskets are included in the CORK PRODUCTS INDUSTRY (cork prod.); rubber gaskets in the RUBBER GOODS INDUSTRY (rubber goods); leather gaskets in the LEATHER PRODUCTS INDUSTRY (leather prod.); and plastic gaskets in the FABRICATED PLASTICS PRODUCTS INDUSTRY (fabric. plastics prod.).

GASKET-COATER-AND-DRIER OPERATOR
GASKET INSPECTOR
GASKET WINDER
INSULATION-BLANKET MAKER
blanket maker
heat-retention-blanket maker
turbine-blanket maker
INSULATION-MACHINE OPERATOR
pipe-covering builder
MOLDER, BENCH
SAWYER
TUBE WINDER, HAND
tube maker
winder operator

pipe lines—PIPE-LINE OPERATION INDUSTRY: Covered by this designation are those jobs concerned with the transportation of crude petroleum or refined petroleum products, such as gasoline and fuel oil, through pipelines. Also included is the transportation of such materials as coal slurry and mixed, natural, and manufactured gases. The functions of the industry include the operation of pumping or boosting stations, and the maintenance of pipelines. The jobs pertaining to pipeline construction are included in the CONSTRUCTION INDUSTRY (const.).

CARGO INSPECTOR
dockman
CHIEF CLERK, MEASUREMENT DEPARTMENT
CLAIM MAN
claim agent
COAL-PIPE LINE OPERATOR
COATING INSPECTOR, PIPE LINE
dope inspector
COMPRESSOR-STATION ENGINEER
COMPRESSOR-STATION ENGINEER, CHIEF
plant superintendent
DISPATCHER, CHIEF I
chief dispatcher
DISPATCHER, CHIEF II
district superintendent, gas and gasoline
general-office dispatcher
superintendent, pressure
DISPATCHER, CHIEF GAS
DISPATCHER, CHIEF OIL
DISPATCHER, OIL
oil dispatcher
DISPATCHER, REFINERY
DISPATCHER, RELAY
DRAFTSMAN, CHIEF, OIL AND GAS
DRIP PUMPER
ENGINEER, CHIEF
FIELD ENGINEER
FIELD-MECHANICAL-METER TESTER
mechanical-meter tester
meter inspector
FITTER
spacer
FOREMAN, DOCK
dock foreman
terminal foreman
wharfman, head
wharftender, head
FOREMAN, FIELD PIPE LINES
deliveryman, chief
district foreman
gager, chief delivery
terminal-gager foreman
FOREMAN, PIPE-LINE MAINTENANCE
crew foreman
maintenance-crew foreman
pipe-line maintenance supervisor
GAGER
field gager
pipe-line gager
tank-farm gager
terminal gager
GAGER, CHIEF
chief gager
district gager
GAGER, DELIVERY
GAS DISPATCHER
load dispatcher
GAS-GOVERNOR REPAIRMAN
GAS-GOVERNOR-REPAIRMAN HELPER
gas-regulator-repairman helper
GASMAN, HEAD
head gasman
meter-and-regulator construction foreman
meter engineer, head
GAS TESTER
LABORER, PIPE LINES
LINE WALKER
line rider
trouble shooter
LOADING-RACK FOREMAN
loading foreman
rack foreman
MAINTENANCE-INSPECTOR FOREMAN
inspector, foreman
MANAGER, CONTRACTS
supply representative, petroleum products
PIPELINER
PIPE-LINE SUPERINTENDENT, DISTRICT
PIPE-LINE SUPERINTENDENT, DIVISION
PIPE-LINE SUPERINTENDENT, FIELD
PIPE-WRAPPING-MACHINE OPERATOR
STATION ENGINEER, CHIEF
oil-pump-station operator, chief
station chief
STATION ENGINEER, MAIN LINE
pump-station operator
station operator
STATION ENGINEER, OPERATING CHIEF
SUPERINTENDENT, COMPRESSOR STATIONS
SUPERINTENDENT, MEASUREMENT
measurement superintendent
SUPERINTENDENT, PIPE LINES
SUPERVISOR, MAPPING
SUPPLY REPRESENTATIVE, DRY GAS
TITLE CLERK
WHARFINGER, HEAD

plan. mill—PLANNING MILL INDUSTRY: This industry embraces occupations concerned with surfacing and sizing lumber, and includes such operations as shaping flooring, producing hand and machine carvings, forming wooden parts by machine, and assembling prepared parts into such products as cabinetwork.

AUTOMATIC-NAILING-MACHINE FEEDER
BLIND-SLAT-STAPLING-MACHINE OPERATOR
BUNDLE TIER AND LABELER
CARVER, HAND
wood carver, hand
CASEY-SAW OPERATOR
CHAINMAN
DOOR ASSEMBLER
DOOR-CLAMP OPERATOR
DOOR-GLASS INSTALLER
DOOR MAKER
DOOR PATCHER
cripple-door patcher
DOWEL-INSERTING-MACHINE OPERATOR
rail-doweling-machine operator
three-in-one-machine operator

DRUM-SAW OPERATOR
FLOORING GRADER
FLOORING-MACHINE FEEDER
FRAME MAKER
GLASS INSTALLER
glass inserter
glass man
glass setter
glazier
GLASS TACKER
GLUEMAN
GREEN CHAINMAN
HOLLOW-CORE DOOR-FRAME ASSEMBLER
LOUVER-DOOR ASSEMBLER
LOUVER-MORTISER OPERATOR
LUMBER-CARRIER DRIVER
PANEL-RAISER OPERATOR
panel raiser
panel raiser, hand
panel-raiser-machine operator
PLANER CHAINMAN
PLANER-MILL GRADER
PLOW-AND-BORING-MACHINE OPERATOR
sash stickerman
POCKET-AND-PULLEY-MACHINE OPERATOR
POCKET CUTTER
frame-gate-mortiser operator
gate cutter
gate-mortiser operator
PULLER
PULLEY-MORTISER OPERATOR
frame-pulley-mortising-machine operator
PUNCHER
PUTTY RUNNER
RACKER
RAFTER-CUTTING-MACHINE OPERATOR
rafter-cutter operator
REPAIRMAN, SASH AND DOOR
SASH ASSEMBLER
SASH-CLAMP OPERATOR
SASH MAKER
SCRAP SAWYER
SCREEN ROLLER
SCREEN TACKER
SHIM CUTTER
STOCK CUTTER
bill cutter
stock-saw operator
trim sawyer
TIMBER-SIZER OPERATOR
planer operator
TINNER, GLASS SETTING
WINDOW ASSEMBLER

plastics mat.—PLASTICS MATERIALS INDUSTRY: This industry includes occupations concerned with the manufacture of plastics materials (such as synthetic resins, casein, cellulose compounds, and synthetic rubber) in liquid, powder, flake, crumb, sheet, rod, tube, or other unfabricated forms. The principal products of this industry include phenolics, acetates, nitrates, and polychloroprene, which are usually specifically known by trade names, such as Celluloid, Cellophane, Bakelite, and Neoprene. Preliminary synthesizing or processing of the chemical components used in producing plastics materials is included under the CHEMICAL INDUSTRY (chem.); the manufacture of rayon and allied products is included in the SYNTHETIC FIBERS INDUSTRY (synthetic fibers); the fabrication of plastics articles in the FABRICATED PLASTICS PRODUCTS INDUSTRY (fabric. plastics prod.).

AGING FLOORMAN
BALER
BATCH WEIGHER
BATH-MIX OPERATOR
BEATER
BLENDER
compounder
powder mixer
BLENDER HELPER
compounder helper
BOILING-OUT-OVEN OPERATOR
CAKE-PRESS OPERATOR
CAKE-PRESS-OPERATOR HELPER
CALENDER FOREMAN
mill leadman
CASTING-AND-LOCKER-ROOM SERVICEMAN
CASTING-MACHINE-SERVICE OPERATOR
CASTING-ROOM OPERATOR
hopper operator
CAUSTIC OPERATOR
CELL ASSEMBLER
mold maker
CELL INSPECTOR
mold inspector
CELLOPHANE-BATH MIXER
coagulating-bath operator
CELL PREPARER
CELL STRIPPER
mold stripper
stripper, preliminary
COAGULATING-DRYING FOREMAN
COAGULATION OPERATOR
flocculator operator
COATER OPERATOR
dipping-machine operator
impregnating-machine operator
COLD-ROLL INSPECTOR
COLOR MIXER
COMBINING-MACHINE OPERATOR
CORRUGATOR OPERATOR
CRACKING-UNIT OPERATOR
recovery-unit operator
CUTTER OPERATOR
CUTTER, PLASTICS SHEETS
DEBUBBLIZER
DEHYDRATING-PRESS OPERATOR
DICER OPERATOR
DISULFURIZER FLOORMAN
xanthation floorman
DRIER OPERATOR I
roper operator
DRIER OPERATOR II
DRIER OPERATOR, HEAD
DRY-END OPERATOR
EMBOSSER OPERATOR
calendar man
roll-embosser operator
EMBOSSING-MACHINE-OPERATOR HELPER
EXTRUDER OPERATOR
stuffer, vertical hydraulic
tuber operator
EXTRUDER-OPERATOR HELPER
FILM-CASTING OPERATOR
caster
FILTER CLEANER
clarifier
filter changer
filterer
FILTERMAN
ripening-room floorman
FINISHER
fill-in man
FINISHING-AREA OPERATOR
FINISHING-AREA SUPERVISOR
FINISHING FOREMAN, PLASTIC SHEETS
FINISHING-MILL OPERATOR
rubber-mill operator
FOAM MACHINE OPERATOR
FOREMAN
shift-production supervisor
FOREMAN, CHEMICAL
FOREMAN, COATING
FOREMAN, INSPECTION
inspection foreman
FOREMAN, SAMPLE
sample foreman
FOREMAN, SHIPPING
FOREMAN, SLITTING AND SHIPPING
slitter foreman
FOURDRINIER HELPER
FOURDRINIER OPERATOR
filtration-machine tender
filtration operator
GRINDER
cutter operator
pulverizer
HYDRAULIC-STRAINER OPERATOR
filter operator
INSPECTOR
customer-return inspector
process inspector
KETTLE OPERATOR I
reactor-kettle operator
LABORATORY MILLMAN-CUREMAN
LABORER, GENERAL
MASKING-MACHINE OPERATOR
MASKING-MACHINE TENDER
MILL-ROLL REWINDER
MIXING-MACHINE OPERATOR
batch maker
mixer and weigher
MOLD-FILLING OPERATOR
cell pourer
flat-sheet maker
MOLD-MAKING FOREMAN, PLASTICS SHEETS
cell-making foreman, plastics sheets
MOLD PARTER
cell stripper, final
parter
MONOMER-RECOVERY FOREMAN
MONOMER-RECOVERY HELPER
MONOMER-RECOVERY OPERATOR
still operator, recovery
MOTTLE-LAY-UP OPERATOR
lay-up operator
NAPHTHA-WASHING-SYSTEM OPERATOR
NITRATOR OPERATOR
dipper
OPERATOR, CATALYST CONCENTRATION
OPERATOR, SCALES
PHYSICAL TESTER
laboratory assistant
polymer tester
PILLING-MACHINE OPERATOR
biscuit-machine operator
briquetting-machine operator
pellitizer
pellet-machine operator
pellet man
preform-machine operator
tablet-machine operator
PILOT-CONTROL OPERATOR
fine-chemicals operator
laboratory technician
pilot-plant technician
process operator
research-manufacturing operator
PILOT OPERATOR
PILOT-OPERATOR HELPER
PLANISHING-PRESS OPERATOR
auma operator
plastics-sheet-finishing-press operator
press operator
sheet-combining operator
shell-press operator
PLANISHING-PRESS OPERATOR HELPER
auma helper
plastics-sheet-finishing-press-operator helper
sheet-combining-operator helper
PLASTICS-SEASONER OPERATOR
curing operator
drier man
hot-air-seasoning man
oven tender
seasoning operator
temperature - control man
PLASTICS - SPREADING - MACHINE OPERATOR
POLYMERIZATION FOREMAN
POLYMERIZATION HELPER
POLYMERIZATION - KETTLE OPERATOR
kettle operator
resin maker
sirup-kettle operator
synthetic-resin operator
POLYMERIZATION OPERATOR
POLYMERIZATION - OVEN OPERATOR
oven attendant
PROCESS FOREMAN
kettle operator, head
mill operator, head
poly-area foreman
process area supervisor
PURIFICATION OPERATOR
QUALITY-CONTROL TESTER
RECOVERY OPERATOR
REGRINDER
RESIN COMPOUNDER, BATCH LOT
blender and compounder
compounder and blender
dry ingredient blender
mixer
ROD-AND-TUBE STRAIGHTENER
tube-and-rod straightener
ROLL INSPECTOR
slit roll inspector
ROLL OPERATOR
calender-roll operator
mill-roll operator
ROLL-TENSION TESTER
pull-out operator
ROLL WEIGHER
ROTARY PREFORMER
RUBBER COMPOUNDER
compound weigher
rubber - ingredients weigher and measurer
RUBBER-MILL OPERATOR I
RUBBER-REPAIR MAN
RUBBER WEIGHER
SAMPLER
resin tester
treater tester
SAWYER
SCRAP-SALVAGE MAN
SHEETER OPERATOR
slitter operator
SHEET STRAIGHTENER
SHREDDING FLOORMAN
SINGLE-STROKE PREFORMER
SLASHER
cutter, plastics rolls
SLASHER HELPER
cutter helper
SOLUTION MAN
bath control operator
dope mixer
make-up man
monomer-mix operator
resin man
solution-filter operator
solvent man
SOLUTIONS OPERATOR
SPREADER
impregnator
TANK CLEANER
kettle chipper
TAPE-MOLD MAKER
THIOKOL OPERATOR
thinionation operator
VACUUM - MIXING - MACHINE OPERATOR
VAPORIZER
vaporizer operator
VAPORIZER HELPER
vaporizer - operator helper
WASHER AND DRIER
drier and washer
WET-END OPERATOR I
WET-END OPERATOR II
coagulator

plumb. supplies—PLUMBERS' SUPPLIES INDUSTRY: This industry embraces the manufacture of porcelain-enameled (enameled-iron) sanitary ware, such as bathtubs, laundry tubs, lavatories and sinks; and of plumbers' brass goods; plumbers' woodwork, galvanized-iron and copper range boilers, and miscellaneous bathroom and other fixtures closely related to plumbing work. The industry does not include the manufacture of vitreous-china sanitary ware which is treated as a product of the POTTERY AND PORCELAIN WARE INDUSTRY (pottery & porc.).

ENAMELER
enamel drier
FITTINGS FINISHER
lead fabricator
FOREMAN
PLUMBING-HARDWARE ASSEMBLER
assembler
fittings tightener

pottery & porc.—POTTERY AND PORCELAIN WARE INDUSTRY: This industry includes occupations in the production of such products as chinaware, earthware, porcelain ware, stoneware, vitreous-china plumbing fixtures, and porcelain electrical insulation materials from clay.

BANDING-MACHINE OPERATOR
gold bander
BATTER-OUT
batter
batter-out, hand
BEDDER
claying-up man
sander-up
BISCUIT-WARE STOPPER
bisque-ware stopper
BISQUE CLEANER
bisque finisher
bisque grader
grinder
scourer
scraper
BISQUE-KILN DRAWER
BISQUE-KILN PLACER
BLUNGER LOADER
CASTER
pourer
CERAMIC SPRAYER
CLAY MAKER
blunger-machine operator
clay mixer
clay washer
slip maker
slip mixer
wet mixer
DECAL CUTTER
print cutter
DECORATING-KILN MAN
fireman, decorating
DIE PRESSER
former
press operator
tube-machine operator
DIPPER
glazer
painter
slipper
DRYING-MACHINE OPERATOR
drier man
pot drier
ENAMELER
FINISHER I
fettler
shaper
sponger
FIREMAN, BISQUE KILN
bisque kilnman
bisque-kiln operator
bisque-kiln tender
kiln firer
FIREMAN, GLOST KILN
glost-kiln operator
FIREMAN HELPER, BISQUE KILN
FIREMAN HELPER, GLOST KILN

pottery & porc.—continued

FIREMAN HELPER, PERIODIC KILN
fireman helper
FIREMAN, KILN
kiln burner
kiln firer
kiln operator
FIREMAN, ROUND KILN
FIREMAN, TUNNEL KILN
FLATWARE PRESSER
FLATWORK FINISHER
FLOWER-POT-PRESS OPERATOR
pot-press operator
FOREMAN, CLAY PREPARATION
foreman, mud room
FOREMAN, CLAY SHOP
FRIT-MIXER-AND-BURNER
frit burner
GLAZE MAKER
disintegrator man
frit maker
pulverizer
GLOST-KILN DRAWER
GLOST-KILN PLACER
GOLD BURNISHER
GROUND LAYER
duster
HANDLE FINISHER
HANDLE MAKER
HANDLER
cup handler
cup sticker
handle sticker
sticker-up
HOLLOW-WARE PRESSER
INSPECTOR
selector
JIGGERMAN
jigger operator
pot maker
potter
JIGGERMAN, AUTOMATIC
JIGGERMAN HELPER
JOLLIER
slush jollier
KILN DRAWER
round-kiln drawer
KILN-FURNITURE CASTER
KILN PLACER
kiln setter
sagger filler
setter-in
KILN WORKER
kiln maintenance laborer
LINER
bander
decorator, hand
gilder
line decorator
MILLMAN
clay temperer
mud-mill man
MOLD MAKER
block and case maker
blocker
caser
MODEL MAKER
modeler
patternmaker
PIN MAKER
PLASTER-DIE MAKER
ram-die maker
POTTERY-DECORATION DESIGNER
PRESSER, HAND
molder
PRINT DECORATOR
PRINTER
PRINT INSPECTOR
decorator inspector
PUGMILL OPERATOR
PUGMILL-OPERATOR HELPER
pugger helper
RAM-PRESS OPERATOR
SAGGER MAKER
SAGGERMAN
SAGGER PREPARER
mixer
sagger soak
SAGGER WASHER
SANITARY PRESSER
SILK-SCREEN-MACHINE OPERATOR
SKETCH LINER
SPRAY-MACHINE LOADER
SPRAY-MACHINE OPERATOR
automatic sprayman
sprayer, automatic spray machine
STAMPER, MACHINE
THROWER
clay thrower
pot maker
potter
TOOL FILER
TUNNEL-KILN DRAWER
TUNNEL-KILN REPAIRMAN
TURNER
VIBRATOR
WARE CLEANER
finisher
WARE DRESSER
back grinder
back polisher
buffer
chipper
dresser
polisher
sander
WARE FORMER
WAREHOUSEMAN
bisque grader
WARE WASHER
AD COMPOSITOR

print. & pub.—PRINTING AND PUBLISHING INDUSTRY: Covered by this designation are occupations concerned with printing and publishing newspapers, periodicals, books, music, bank notes, bonds, blankbooks, maps, greeting cards, and other material, including designing, coloring, and related processes. In addition to including the usual functions carried on by printing and publishing establishments, this classification also covers allied processes that are frequently performed by separate establishments. Typical of such functions are: (1) the preparation of steel and copper plates for engraving, of photoengraved, electrotype, and stereotype plates, and wood cuts; and (2) printing from such plates and wood cuts. Occupations concerned with printing signs in small quantities, as performed in retail stores and other establishments that print signs for their own use, are not included, although the classification does cover usual printing processes that are carried on by establishments other than printing and publishing concerns.

AIRBRUSH OPERATOR
spray decorator
ART CRITIC
ART LAY-OUT MAN
artist
ASSEMBLER, GREETING CARD
hand worker
ASSEMBLY-ROOM FOREMAN
BEN-DAY ARTIST
colorman
tint layer
BINDERY SUPERINTENDENT
BINDERY WORKER
bindery man or girl
bindery operator
table worker
BLANKBOOK FOREWARDER
BLOCKER I
mounter
BLOCKER II
film masker
film painter
negative checker
BLOCKER, METAL BASE
BOOKBINDER
binder
finisher and bookbinder
BOOKBINDER APPRENTICE
BOOKBINDER, HAND
binder and finisher, hand
finisher and binder, hand
BOOK CRITIC I
BOOK CRITIC II
book reviewer
manuscript reader
reader
BOOK FINISHER
BOOKMAKER, MAP
map assembler
BOOK-SEWING-MACHINE OPERATOR I
blankbook-stitching-machine operator
book sewer
tape-sewing-machine operator
BOOK-SEWING-MACHINE OPERATOR II
back sewer
blankbook-stitching-machine operator
BOOK TRIMMER
bindery cutter
multiple-knife-edge-trimmer operator
shearing-machine operator
trimmer operator, three knife
BRAILLE-MACHINE OPERATOR
braille operator
BRAILLE PROOFREADER
BRONZER
BUNDLER
folding-machine-operator helper
CARBON PRINTER
CARD TRIMMER
CARTOONIST
CASE-MAKING-MACHINE OPERATOR
caser operator
cover-making-machine operator
CASER
caser-in
CASING-IN LINE FEEDER
caser-in
CASING-IN-LINE SET-UP MAN
machine adjuster
CASTING-MACHINE OPERATOR
caster operator
CASTING-MACHINE OPERATOR—Continued
monotype caster
type caster
CHECK IMPRINTER
CHIP-APPLYING-MACHINE TENDER
chip applier
CIRCULATION BOOKKEEPER
CIRCULATION CASHIER
CIRCULATION CLERK
subscription clerk
CITY-DISTRIBUTION CLERK
CLAMPER
CLASSIFIED-AD CLERK
clerk, classified
CLASSIFIED-ADVERTISING BOOKKEEPER
COLLATING-MACHINE OPERATOR
set-making-machine operator
COLLATOR
COLORER
colorman
COLORMAN II
COLUMNIST
COMPOSING-ROOM MACHINIST
printing-equipment mechanic
COMPOSITOR
typesetter
typographer
COMPOSITOR APPRENTICE
typesetter apprentice
typographer apprentice
CONTACT-FRAME OPERATOR
darkroom man
process man
COPPER ETCHER
COPY BOY
mat boy
COPY CHIEF
COPY CUTTER
copy man
COPYMAN I
roller printer
COPY READER
deskman
headline writer
rewrite man
COPY READER, BOOK
proofreader
CORRECTION MAN
floorman
CORRESPONDENT
newspaper correspondent
COUNTER
COUNTER CLERK
ad clerk
COVERER, LOOSELEAF BINDER
COVERING-MACHINE OPERATOR
CRITIC
reviewer
CROSS-WORD-PUZZLE MAKER
CUT MAN
cut-file clerk
CUTTING-MACHINE OPERATOR
CYLINDER GRINDER
grinder and plater
CYLINDER-PRESS FEEDER
cylinder-press-man helper
flat-bed-press feeder
CYLINDER-PRESS MAN
cylinder-press operator
flatbed-press man
CYLINDER-PRESS-MAN APPRENTICE
DIE MAKER
die cutter
engraver
DIRECTOR, ADVERTISING
DISPLAY-DESK CLERK
advertising-order clerk
DISTRICT CIRCULATOR
street-sales clerk
DRAMA CRITIC
DRILL-PUNCH OPERATOR
EDITOR, AMUSEMENT PAGE
EDITOR, ART
EDITOR, BOOK
EDITOR, BOOK PAGE
EDITOR, CABLE, SYNDICATE
bureau chief
EDITOR, CITY
city editor
EDITOR, CLUB NEWS
EDITOR, COUNTY
EDITOR, DEPARTMENT
editor, feature
EDITOR, DRAMA
EDITOR, EDITORIAL PAGE
EDITOR, FARM JOURNAL
EDITOR, FASHION
EDITOR, FINANCIAL
business-and-finance editor
EDITOR, GREETING CARD
EDITOR, HOUSEHOLD
EDITOR, HOUSE ORGAN
EDITORIAL ASSISTANT
EDITORIAL CARTOONIST
EDITORIAL WRITER
EDITOR, INDEX
indexer
EDITOR, JUNIOR PAGE
EDITOR, MAGAZINE
EDITOR, MANAGING, NEWSPAPER
managing editor
EDITOR, MARINE
EDITOR, MUSIC
EDITOR, NEWS
editor, make-up
EDITOR, NEWSPAPER
editor-in-chief, newspaper
EDITOR, NEWS PHOTOGRAPH
EDITOR, PICTURE
editor, photography
editor, picture page
EDITOR, PICTURE ANALYST
EDITOR, RADIO AND TELEVISION
EDITOR, REAL ESTATE
EDITOR, SOCIETY
EDITOR, SPORTS
sports editor
EDITOR, STATE
state editor
EDITOR, SUNDAY
EDITOR, TELEGRAPH
editor, wire
EDITOR, TRADE JOURNAL
EDITOR, TRADE-OR-TECHNICAL PUBLICATION
EDITOR, WOMEN'S DEPARTMENT
ELECTROTYPE CASTER
ELECTROTYPE MOLDER
ELECTROTYPER
ELECTROTYPER APPRENTICE
ELECTROTYPER HELPER
EMBOSSER I
EMBOSSING-PRESS OPERATOR
embosser
EMBOSSING-PRESS-OPERATOR APPRENTICE
embossing-pressman apprentice
ENGRAVER I
pantograph operator
ENGRAVER II
ENGRAVER, BLOCK
artist, woodblock
block cutter
engraver, wood
wood-cut engraver
ENGRAVER, COPPERPLATE
ENGRAVER, HAND
roller-engraving man
ENGRAVER, LETTER
ENGRAVER, MACHINE
ENGRAVER, PICTURE
ENGRAVER, RUBBER
ENGRAVER, STEEL PLATE
ENGRAVING-PRESS OPERATOR
die-stamping-press operator
ENVELOPE-PRESS MAN
ESTIMATOR
book-publication manufacturing man
ETCHER APPRENTICE, PHOTOENGRAVING
etcher apprentice
ETCHER, HAND
ETCHER HELPER, HAND
ETCHER, PHOTOENGRAVING
EXAMINER
FASHION COLUMNIST
FEATURE REPORTER
feature writer
staff writer
FINISHER, MAP-AND-CHART
chart-and-map finisher
map-and-chart finisher
map finisher
FINISHING-ROOM FOREMAN
FLEXOGRAPHIC-PRESS MAN I
FLEXOGRAPHIC-PRESS MAN I
FOLDING MACHINE FEEDER
FOLDING-MACHINE OPERATOR
folder, machine
FOLDING-MACHINE SET-UP MAN
folding-machine adjuster
FOREIGN CORRESPONDENT
FOREMAN, BINDERY
bindery chief
bookbinder, chief
bookbinder foreman
hand-bookbinder foreman
FOREMAN, COMPOSING ROOM
composing-room foreman
FOREMAN, MAIL ROOM
mail-room supervisor
FOREMAN, PRESS ROOM
press-room foreman
FOREMAN, PRINTING SHOP
printing foreman
shop foreman
FORM DESIGNER
form drafter
FORWARDER
GATHERING-MACHINE FEEDER
GATHERING-MACHINE SET-UP MAN
gathering-machine adjuster
GENERAL-ASSIGNMENT REPORTER
GLOBE MOUNTER
HEAD-BANDER-AND-LINER OPERATOR

IMPOSER
lock-up man
stone hand
stoneman
IMPRESSION MAN
INKMAN
INLAYER
INSPECTOR, GREETING CARD
JACKET PREPARER
JOB COMPOSITOR
JOB PRINTER
country printer
printer
JOB-PRINTER APPRENTICE
country-printer apprentice
printer's devil
JOGGER
sheet layer
KELLY-PRESS MAN
KEYING-MACHINE OPERATOR
LABEL-PRESS MAN
LAYBOY TENDER
cutter girl
jogger operator
sheeter helper
LAY-OUT MAN
LIBRARIAN
librarian, clerical
morgue keeper
LINER, LOOSELEAF BINDER
cover liner
LINE-UP MAN
LINOTYPE OPERATOR
composing-machine operator
LITHOGRAPHIC CONTACT-FRAME OPERATOR
LITHOGRAPHIC-COPY PREPARER
LITHOGRAPHIC-PRESS FEEDER
LITHOGRAPHIC-PRESS FEEDER APPRENTICE
lithographic-press-assistant apprentice
press-feeder apprentice
LITHOGRAPHIC PROOFER
LITHOGRAPHIC-PROOFER APPRENTICE
proofer apprentice
L-TYPE-RULING-MACHINE OPERATOR
LUDLOW-MACHINE OPERATOR
MACHINIST APPRENTICE, COMPOSING ROOM
printing-equipment-mechanic apprentice
MACHINIST APPRENTICE, LINOTYPE
linotype-maintenance-mechanic apprentice
MACHINIST, LINOTYPE
MAILER
MAILER APPRENTICE
MAKE-UP MAN
lock-up man
stone hand
stoneman
MANAGER, ADVERTISING
MANAGER, CIRCULATION
MANAGER, CITY CIRCULATION
MANAGER, CLASSIFIED ADVERTISER
MANAGER, DISPLAY ADVERTISER
MANAGER, LOCAL ADVERTISER
MANAGER, NATIONAL ADVERTISING
MANAGER, NEWSPAPER CIRCULATION
MANAGER, STREET SALES
MAP-AND-CHART MOUNTER
gluer
paster
MAP COLORER
METAL MAN
furnaceman
handyman
remelter
MIEHLE-PRESS MAN, VERTICAL
MONOTYPE-KEYBOARD OPERATOR
composing-machine operator
monotype operator
MOUNTING-MACHINE OPERATOR
MOVIE CRITIC
MUSIC CRITIC
MUSIC ENGRAVER
engraver
MUSIC GRAPHER
music autographer
NEW-ERA-UNIT OPERATOR
gluing-machine operator, automatic
NEWSBOY II
newsboy, street sales
salesman, newspaper
NEWSDEALER DELIVERYMAN
deliveryman
NEWSPAPER CARRIER
carrier
delivery boy
newsboy
NEWSPAPER INSERTER
inserter
sticker
stuffer
NEWS SPECIALIST, SYNDICATE
syndicate writer
OFFSET-DUPLICATING-MACHINE OPERATOR
OFFSET-PRESS MAN
lithographic-press man
offset-press operator
OFFSET-PRESS-MAN APPRENTICE
lithographic-press-man apprentice
OFFSET-PRESS OPERATOR II
OFFSET-PROOF-PRESS OPERATOR
OVERLAY CUTTER
PAINTER, PLATE
plate colorer
PANTOGRAPHER
PANTOGRAPH SETTER
PAPER CONDITIONER
paper-conditioning-machine operator
PASTE-UP MAN
PASTE-UP-MAN APPRENTICE
paste-make-up-artist apprentice
PERFECT-BINDER FEEDER
PERFECT-BINDER OFF-BEARER
PERFECT-BINDER SET-UP MAN
perfect-binder operator
PERFORATING-MACHINE OPERATOR
perforator operator
PHOTOCOMPOSING-MACHINE OPERATOR
typesetter
PHOTOCOMPOSING-MACHINE PERFORATOR OPERATOR
PHOTOENGRAVER
engraving operator
photolith operator
PHOTOENGRAVER APPRENTICE
PHOTOENGRAVING FINISHER
finisher
plate finisher, photoengraving
PHOTOENGRAVING HELPER
PHOTOENGRAVING PRINTER
proof-plate maker
stripper and printer
PHOTOENGRAVING PROOFER
prover
PHOTOENGRAVING-PROOFER APPRENTICE
proofer apprentice
PHOTOGRAPHER, LITHOGRAPHIC
cameraman
copy cameraman
lithographic-camera man
photographer, stone
photographer, wet plate
photolithographer
photolithographic process man
process man
PHOTOGRAPHER, NEWS
cameraman
photographer, newspaper
PHOTOGRAPHER, PHOTOENGRAVING
cameraman
engraving photographer
PHOTOGRAPHIC FOREMAN
photographic section chief
PHOTOLETTERING-MACHINE OPERATOR
typesetter
PHOTOLITHOGRAPHER APPRENTICE
copy-cameraman apprentice
lithographer apprentice
photographer apprentice, lithographic
PHOTOTYPESETTER OPERATOR
photosetter
PLATE FINISHER
PLATE GRAINER
grainer
plate preparer
zinc-plate grainer
PLATE-GRAINER APPRENTICE
stone-and-plate-preparer apprentice
plate-preparer apprentice
grainer apprentice
PLATE MAKER, ZINC
PLATE MOLDER
PLATEN-PRESS FEEDER
PLATEN-PRESS MAN
make-ready man
platen-press operator
PLATEN-PRESS MAN APPRENTICE
make-ready-man apprentice
PLATE SETTER
POLITICAL COLUMNIST
PONY-CYLINDER-PRESS FEEDER
PONY-CYLINDER-PRESS MAN
PRESSER
caser-in
PRESS FEEDER
PRESS-MAINTENANCE MAN
PRESSMAN
power-press man
PRINTER I
comp
compositor
PRINTER APPRENTICE
PRINTING-PLATE MAN
PRINTING-ROLLER POLISHER
PRINT-SHOP HELPER
PROCESS ARTIST
lithographic-color-artist retoucher
submarine artist
tone artist
PROCESS-ARTIST APPRENTICE
lithographic-color-artist-retoucher apprentice
tone-artist apprentice
PRODUCTION MANAGER, REPRODUCTION
PRODUCTION SUPERVISOR
supervisor, lay out
PROOFER, BLACK AND WHITE
PROOFER, COLOR
PROOFING-MACHINE OPERATOR
proofer
PROOF-PRESS MAN
galley boy
imprinting - machine operator
proof boy
proofer
PROOFREADER I
PUBLICIST
PUBLISHER
RACK RUNNER
RAISED PRINTER
thermograph operator
READER, FIRST I
first reader
REPEAT CHIEF
inspector
REPORTER
leg man
news reporter
RETOUCHER, PHOTOENGRAVING
REWRITE MAN II
rewriter
ROLLER MAKER
ROLLER REPAIRMAN
engraved-rollers inspector
roller inspector and mender
roll repairman
ROLLER VARNISHER
ROTOGRAVURE PRESS MAN
ROTO LAY-OUT MAN
ROUNDING-AND-BACKING-MACHINE OPERATOR
rounder
rounder and backer
ROUTEMAN
route supervisor
ROUTER
printing-plate router
RULING-MACHINE OPERATOR
SADDLE-AND-SIDE WIRE STITCHER
stitcher operator
SADDLE - STITCHING - MACHINE OPERATOR
SALESMAN, ADVERTISING
advertising-sales representative
advertising solicitor
SALESMAN, CLASSIFIED ADVERTISING
SALESMAN, DISPLAY ADVERTISING
SALESMAN, PRINTING
SCHEDULE CLERK
schedule-desk man
SERVICEMAN ELECTROTYPE
SIDEROGRAPHER
SIDE - STITCHING-MACHINE OPERATOR
SKETCH MAKER
SKETCH MAKER, PHOTOENGRAVING
artist, color separator
designer-draftsman
SOCIETY COLUMNIST
SOLICITOR, HEAD
SPIRAL BINDER
wire-spiral binder
SPORTS CARTOONIST
SPORTS COLUMNIST
STAGER
roller painter
STEEL-DIE PRINTER
plate-press operator
plate printer
STENCIL OPERATOR, PHOTOGRAPHIC
offset-plate maker
process-camera operator
STENOGRAPHER, PRINT SHOP
STEP-AND-REPEAT MAN
composer
STEREOTYPE CASTER
STEREOTYPE MOLDER
STEREOTYPER
STEREOTYPER APPRENTICE
STEREOTYPER HELPER
STIPPLE ARTIST
lithographic tuscher
tuscher
STITCHER, HAND
back sewer
sewer, hand
STITCHING - MACHINE FEEDER
STITCHING-MACHINE OFF-BEARER
STITCHING-MACHINE SET-UP MAN
stitching-machine adjuster
STRIPPER
negative turner
STRIPPER APPRENTICE
stripper - and - opaquer apprentice
negative - turner apprentice
STRIPPER, BLACK AND WHITE
STRIPPER, COLOR
SUPERVISOR, PUBLICATIONS PRODUCTION
TAB-CARD-PRESS OPERATOR
TELEPHONE AD-TAKER
TENSION MAN
TIPPER
gluer
hand gluer
TRANSFER OPERATOR
TRANSFERRER I
composer
lithographic-press-plate maker, photomechanical
plate maker
TRANSFERRER II
press-plate maker
transfer man
TRANSFERRER APPRENTICE
lithographic - press - plate-maker apprentice, photomechanical
plate-maker apprentice, lithographic
TRANSFERRER APPRENTICE, HAND
lithographic - press - plate-maker apprentice, hand transfer
TRANSFERRER, HAND
lithographic - press - plate maker, hand transfer
transfer man, hand
TRANSLATOR, BRAILLE
braille coder
braille transcriber
TYPESETTER - PERFORATOR OPERATOR
perforator
perforator operator
TYPESETTING - MACHINE TENDER
teletypesetter monitor
TYPOGRAPHER-PROOFER
VARNISHING-MACHINE OPERATOR
VULCANIZER, RUBBER PLATE
WEB-PRESS MAN
web-press operator
WEB-PRESS MAN APPRENTICE
newspaper-press man apprentice
WING - MAILER - MACHINE OPERATOR
WIRE-PHOTO OPERATOR, NEWS
ZINC ETCHER, PHOTOENGRAVING

profess & kin.—PROFESSIONAL AND KINDRED OCCUPATIONS: This designation covers occupations requiring extensive study or experience in professions, technical services, sciences, art, and related types of work. The preparation for these occupations (with certain exceptions, such as occur in art and literature) is typically acquired through either university, college, and technical institute training; experience providing institute training; experience providing equivalent backgrounds; or some combination of these. The functions of these occupations are predominantly mental rather than manual. This designation includes only occupations which cross industrial lines or which by the nature of the jobs cannot be identified as belonging to any one industry.

ABSORPTION-AND-ADSORPTION ENGINEER
adsorption-and-absorption engineer
ABSTRACTOR I
abstract clerk
abstract maker
abstract searcher
abstract writer
ABSTRACTOR I—Continued
title abstractor
ACCELERATOR OPERATOR
particle-accelerator operator
ACCOUNTANT
manager, office
ACCOUNTANT, BUDGET

profess. & kin.—continued

ACCOUNTANT, CERTIFIED PUBLIC
certified public accountant
CPA
ACCOUNTANT, COST
ACCOUNTANT, JUNIOR
ACCOUNTANT, MACHINE PROCESSING
ACCOUNTANT, PROPERTY
ACCOUNTANT, PUBLIC
ACCOUNTANT, SENIOR
ACCOUNTANT, SYSTEMS
accounting-system expert
ACCOUNTANT, TAX
ACCOUNT EXECUTIVE
account representative
ACTUARY
ACTUARY, CASUALTY
ACTUARY, LIFE
ADMINISTRATOR, SOCIAL WELFARE
director, social welfare
executive secretary, social welfare
general secretary, social welfare
ADVERTISING ANALYST
ADVERTISING ASSISTANT
advertising man
ADVERTISING ILLUSTRATOR
ADVERTISING LAY-OUT MAN
advertising designer
comprehensive artist
visualizer
AERONAUTICAL ENGINEER
AEROSPACE ENGINEER
AGRICULTURAL ECONOMIST
AGRICULTURAL ENGINEER
AGRICULTURAL-ENGINEERING TECHNICIAN
AGRICULTURIST
AGROGEOLOGIST
soil mapper
soil surveyor
ANTHROPOMETRIST
APICULTURIST
APPLICATIONS ENGINEER
computer engineer
APPRAISER, ART
AQUATIC BIOLOGIST
aquatic ecologist
ARBORICULTURIST
ARCHEOLOGICAL ASSISTANT
preservationist
ARCHEOLOGIST
ARCHEOLOGIST, CLASSICAL
ARCHITECT
ARCHITECT, MARINE
architect, naval
naval designer
ARCHITECTURAL MODELER
ARCHITECTURAL RENDERER
ARCHIVIST
ARCHIVIST, ECONOMIC HISTORY
ARCHIVIST, MILITARY HISTORY
ARCHIVIST, POLITICAL HISTORY
AREA ENGINEER
ARRANGER
adapter
transcriber
transcripter
ARTIST I
AGRONOMIST
crop-research scientist
crop scientist
AIR ANALYST
air tester
AIRBRUSH ARTIST
photograph restorer
AIRBRUSH ARTIST, PHOTOGRAPHY
AIRBRUSH ARTIST, TECHNICAL
AIR-CONDITIONING ENGINEER
AIR INTELLIGENCE SPECIALIST
AIRPORT ENGINEER
ANATOMIST
ANIMAL BREEDER
ANIMAL CYTOLOGIST
ANIMAL ECOLOGIST
ANIMAL-FIBER TECHNOLOGIST
ANIMAL HUSBANDMAN
animal scientist
ANIMAL NUTRITIONIST
ANIMAL PHYSIOLOGIST
ANIMAL TAXONOMIST
ANTENNA ENGINEER
ANTHROPOLOGIST
ANTHROPOLOGIST, PHYSICAL
ASSAYER
ASSOCIATION EXECUTIVE
executive, trade-or-professional organization
ASTROMETRIST
ASTRONOMER
ASTRONOMER, CELESTIAL MECHANICS
ASTROPHYSICIST
AUDIO ENGINEER
acoustical engineer
sound engineer
AUDIOLOGIST
AUDIOMETRIST
audiometric technician
hearing tester
hearing-test technician
AUDITOR
AUDITOR, INTERNAL
AUTHOR
BALLISTICIAN
BALLOONIST, HOT AIR
BAR EXAMINER
law examiner
BETATRON OPERATOR
BIBLIOGRAPHER
BIOCHEMIST
chemist, biological
BIOGRAPHER
BIOLOGICAL PHOTOGRAPHER
BIOLOGIST
BIOPHYSICIST
BOILER INSPECTOR
BOOK ILLUSTRATOR
BOOK-JACKET DESIGNER
BOTANIST
BUDGET CONSULTANT
family-finance specialist
BUILDING-ILLUMINATING ENGINEER
BUSINESS AGENT, LABOR UNION
labor-relations agent
organizer
union-labor representative
union representative
BUSINESS COUNSELOR
consulting accountant
CARTOON MAKER, STAINED GLASS
cartoonist
CASE AID
CASEWORKER
CASEWORKER, CHILD WELFARE
CASEWORKER, FAMILY
family counselor
CASEWORK SUPERVISOR
case supervisor
CATALOG ILLUSTRATOR
CENSOR
CERAMIC ENGINEER
CHAIN-STRETCHER INSPECTOR
CHAPLAIN
CHEMICAL ENGINEER
CHEMICAL-LABORATORY CHIEF
chief chemist
CHEMICAL-LABORATORY TECHNICIAN
CHEMIST
CHEMIST, ADHESIVES
CHEMIST, AGRICULTURAL
CHEMIST, ANALYTICAL
CHEMIST, CEREAL
CHEMIST, CLINICAL
CHEMIST, COATINGS
CHEMIST, CONTROL
quality control man
CHEMIST, DAIRY PRODUCTS
CHEMIST, DETERGENTS
CHEMIST, DYE
color maker
dye expert
CHEMIST, ENZYMES
CHEMIST, FERMENTATION
CHEMIST, FOOD
food analyst
CHEMIST, INDUSTRIAL
CHEMIST, INDUSTRIAL ALCOHOLS
CHEMIST, INORGANIC
CHEMIST, LEATHER
CHEMIST, ORGANIC
CHEMIST, ORGANIC SYNTHESIS
CHEMIST, ORGANO-METALLICS
CHEMIST, PETROLEUM
CHEMIST, PHARMACEUTICAL
CHEMIST, PHYSICAL
CHEMIST, PLASTICS AND RESINS
CHEMIST, POLYMERS
CHEMIST, PROTEINS
CHEMIST, RESEARCH
CHEMIST, RUBBER
CHEMIST, STEROIDS
CHEMIST, SUGAR
CHEMIST, TEXTILE
CHEMIST, WOOD
CHIEF OF PARTY II
CHIEF PLANNER
CHILD PSYCHOLOGIST
CHOIRMASTER
choir leader
choral director
chorus master
CHRISTIAN SCIENCE PRACTITIONER
CITRICULTURIST
CITY PLANNING AID
planning assistant
CIVIL ENGINEER
CIVIL ENGINEER, OIL FIELD
CIVIL ENGINEER, PIPE-LINE CONSTRUCTION
CLERGYMAN
minister
preacher
priest
rabbi
CLERICAL TECHNICIAN
methods man
CLIMATOLOGIST
CLOTH DESIGNER
cloth pattern maker
pattern designer
textile-cloth designer
textile stylist
CLOTHES DESIGNER
fashion designer
stylist
COLLABORATOR
COLOR EXPERT
color consultant
colorist
color specialist
COLORIST I
color maker
color matcher
COMBAT OPERATIONS RESEARCH SPECIALIST
COMBUSTION ENGINEER
COMEDY WRITER
COMMERCIAL DESIGNER
COMMODITY-INDUSTRY ANALYST
COMMUNITY ORGANIZATION WORKER
COMMUNITY-RELATIONS-AND-SERVICES ADVISOR, PUBLIC HOUSING
COMPOSER
COMPUTER-LABORATORY TECHNICIAN
COMPUTING ANALYST
CONCILIATOR
arbitrator
CONSTRUCTION ENGINEER
erecting engineer
CONSTRUCTION ESTIMATOR
CONSULTING ENGINEER
CONSULTING FORESTER
CONTRACT CLERK
contract technician
CONTROLLER
comptroller
COPY WRITER
advertising-copy writer
ad writer
COSMOTRON OPERATOR
COUNSELOR II
guidance counselor
vocational adviser
vocational counselor
COUNSELOR, CAMP
COUNSELOR, DRAWINGS
COUNSELOR, SWIMMING
COVER DESIGNER
CRIMINOLOGIST
CYTOLOGIST
DAIRY BACTERIOLOGIST
DAIRY HUSBANDMAN
dairy scientist
DAIRY-MANAGEMENT SPECIALIST
DAIRY-NUTRITION SPECIALIST
DAIRY-PLANT ENGINEER
DAIRY TECHNOLOGIST
dairy-manufacturing technologist
dairy-products technologist
DEALER-CONTACT MAN
sales-promotion man
DEFENSE COORDINATOR
civil defense coordinator
DELINEATOR I
renderer
DEMOGRAPHER
populations specialist
statistician, demography
DESIGN CHECKER
DESIGN DRAFTSMAN, ELECTROMECHANISMS
DESIGN DRAFTSMAN, RAM-JET ENGINE
DESIGN ENGINEER I
proposal engineer
DETAILER
DETAIL MAN, FURNITURE
DEVELOPMENT-INSTRUMENTATION TECHNICIAN
DIETARY CONSULTANT
consultant dietitian
institutional-nutrition consultant
DIETITIAN
DIETITIAN, ADMINISTRATIVE
DIETITIAN, CHIEF
director of dietetics
DIETITIAN, TEACHING
DIETITIAN, THERAPEUTIC
DIETETIC INTERN
DIRECTING ENGINEER
DIRECTOR, AGRICULTURAL LABOR CAMP
agricultural-labor-camp foreman
manager, farm labor camp
superintendent, camp
DIRECTOR, ART
DIRECTOR, CAMP
DIRECTOR, COMMUNITY CENTER
DIRECTOR, INDUSTRIAL RELATIONS
industrial relations adviser
manager, industrial relations
personnel relations administrator
DIRECTOR OF GUIDANCE
counseling-center manager
director, counseling bureau
director, vocational guidance
head counselor
DIRECTOR OF PUBLICATIONS
DIRECTOR, PHYSICAL TESTING
chief tester
physical-testing foreman
DIRECTOR, PLANNING
DIRECTOR, QUALITY CONTROL
quality-control supervisor
DIRECTOR, RECREATION CENTER
DIRECTOR, SOCIAL SERVICE
DIRECTOR, STATE-HISTORICAL SOCIETY
DIRECTOR, WELFARE
employee-service officer
manager, welfare
DISPLAY ARTIST
artist
poster and design artist
DISPLAY DESIGNER, OUTSIDE
flag decorator
DOCUMENT RESTORER
DRAFTSMAN I
DRAFTSMAN, AERONAUTICAL
DRAFTSMAN APPRENTICE
DRAFTSMAN, ARCHITECTURAL
DRAFTSMAN, BLACK AND WHITE
delineator
DRAFTSMAN, CASTINGS
DRAFTSMAN, CIVIL
draftsman, civil engineering
draftsman, construction
draftsman, engineering
DRAFTSMAN, COMMERCIAL
DRAFTSMAN, DESIGN
DRAFTSMAN, DETAIL
detail man
mill detailer
DRAFTSMAN, ELECTRICAL
DRAFTSMAN, ELECTRONIC
DRAFTSMAN, HEAD
DRAFTSMAN, HEATING AND VENTILATING
DRAFTSMAN, HULL
DRAFTSMAN, LANDSCAPE
DRAFTSMAN, MAP
cartographer
map maker
mapper
DRAFTSMAN, MARINE
DRAFTSMAN, MECHANICAL
draftsman, engineering
DRAFTSMAN, PATENT
DRAFTSMAN, PLUMBING
DRAFTSMAN, RECORDS
DRAFTSMAN, REFRIGERATION
DRAFTSMAN, REINFORCED CONCRETE
DRAFTSMAN, SHIP DETAIL
DRAFTSMAN, SHIP ENGINEERING
DRAFTSMAN, STRUCTURAL
DRAFTSMAN, TILE AND MARBLE
DRAFTSMAN, TOOL DESIGN
DRAFTSMAN, TOPOGRAPHICAL
photo-cartographer
DRAFTSMAN, WATER AND SEWAGE
DRAMATIC COACH
professional coach
ECOLOGIST
ECONOMETRIST
ECONOMIC BOTANIST
ECONOMIC GEOGRAPHER
commercial geographer
ECONOMIST
economic analyst
EDITOR, MAP
EFFICIENCY ENGINEER
ELECTRICAL ENGINEER
ELECTRICAL-EQUIPMENT ENGINEER
ELECTRICAL-RESEARCH ENGINEER
ELECTRICAL-SEPARATION ENGINEER
ELECTRICAL TECHNICIAN
electric-laboratory technician
ELECTROCHEMICAL ENGINEER
ELECTROLYSIS-AND-CORROSION-CONTROL ENGINEER
corrosion-control specialist
corrosion engineer
electrolysis engineer
electrolysis investigator
ELECTRONIC-COMMUNICATIONS TECHNICIAN
ELECTRONIC ENGINEER
ELECTRONIC-ORGAN ENGINEER
ELECTRONIC-SALES-AND-SERVICE TECHNICIAN
ELECTRONICS MECHANIC, FIELD
ELECTRONIC TECHNICIAN
ELECTRONIC TECHNICIAN, NUCLEAR REACTOR
EMPLOYMENT INTERVIEWER I
employment representative
job interviewer
personnel interviewer
EMPLOYMENT INTERVIEWER II
interviewer
ENGINEER

ENGINEERING ANALYST I
applied mathematician
computational engineer
computing analyst
systems analyst, engineering-scientific
ENGINEERING ASSISTANT, MECHANICAL EQUIPMENT
associate mechanical engineer
design engineer
draftsman
engineering assistant
industrial designer, stylist
lay-out draftsman
mechanical design technician
product designer
project engineer
ENGINEERING LIAISON MAN
shop investigator
ENGINEER, INSTRUMENTATION
ENGINEER, SOILS
ENGROSSER
calligrapher
penman
script artist
ENTOMOLOGIST
ENVIRONMENTAL-RESEARCH-TEST TECHNICIAN
EQUIPMENT SPECIALIST
ESCROW OFFICER
ESSAYIST
ESTIMATING ENGINEER
ESTIMATOR
cost estimator
ETHNOGRAPHER
ETHNOLOGIST
ETYMOLOGIST
EXECUTIVE SECRETARY
FACTORY LAY-OUT MAN
planning engineer
FIELD ENGINEER
FIELD REPRESENTATIVE
FINANCIAL ANALYST
investment analyst
securities analyst
securities-research analyst
FINANCIAL ECONOMIST
FIRE-PREVENTION RESEARCH ENGINEER
loss-prevention research engineer
FIRE-PROTECTION ENGINEER
fire-loss-prevention engineer
FISHERY BACTERIOLOGIST
FLORICULTURIST
FLUID-FLOW ENGINEER
FOOD BACTERIOLOGIST
FOOD SPECIALIST
FOREIGN CORRESPONDENT
FOREST ECOLOGIST
FORESTER
FOREST EXAMINER
FOREST RANGER
FOREST RECREATIONIST
FOREST SUPERVISOR
GAGE DESIGNER
analyst, gage design and planning
GAG WRITER
GENEALOGIST
GENETICIST
GEODESIST
GEOGRAPHER
GEOLOGIST
GEOLOGIST, ENGINEERING
GEOLOGIST, GROUND WATER
GEOLOGIST HELPER
GEOLOGIST, MINING
GEOMAGNETICIAN
terrestrial magnetician
GEOMORPHOLOGIST
GEOPHYSICIST
GLACIOLOGIST
GOLD-AND-SILVER ASSAYER
GROUP WORKER
HANDBAG-FRAMES DESIGNER
HEALTH PHYSICIST
HEARING CLINICIAN
HEAT-TRANSFER ENGINEER
heat-transmission engineer
HELMINTHOLOGIST
HERPETOLOGIST
HIGHWAY ENGINEER
HIGHWAY-LANDSCAPE ARCHITECT
HISTORIAN
HISTORIAN, DRAMATIC ARTS
HOME ECONOMIST
HOME ECONOMIST, CONSUMER SERVICE
HOME-SERVICE DIRECTOR
director of home economics
HORTICULTURAL-PRODUCTS SPECIALIST
HORTICULTURIST
HUMORIST
HYDRAULIC ENGINEER
hydrologic engineer
HYDROLOGIST
ICHTHYOLOGIST
ILLUMINATING ENGINEER
lighting engineer
ILLUMINATING-RESEARCH ENGINEER
ILLUMINATOR
ILLUSTRATOR
commercial artist, illustrating
graphic artist
IMMUNOLOGIST
INDUSTRIAL BACTERIOLOGIST
INDUSTRIAL DESIGNER
product designer
INDUSTRIAL ECONOMIST
INDUSTRIAL ENGINEER
management engineer
INDUSTRIAL ENGINEERING TECHNICIAN
INDUSTRIAL-HEALTH ENGINEER
industrial-hygiene engineer
INDUSTRIAL HYGIENIST
INDUSTRIAL-ILLUMINATING ENGINEER
INDUSTRIAL RENDERER
INDUSTRIAL SOCIOLOGIST
INFORMATION SCIENTIST
INSTRUMENTATION TECHNICIAN
INSTRUMENT MAN
INTELLIGENCE RESEARCH SPECIALIST
INTERIOR DESIGNER AND DECORATOR
consulting decorator
interior decorator
INTERNAL-COMBUSTION-ENGINE DESIGNER
INTERNATIONAL-RELATIONS SPECIALIST
INTERNATIONAL-TRADE ECONOMIST
INTERPRETER
INVERTEBRATE ZOOLOGIST
JAZZ-ORCHESTRA LEADER
JOB ANALYST
occupational analyst
KEELER-POLYGRAPH OPERATOR
lie-detector operator
LABORATORY CHIEF
director, laboratory
LABORATORY SUPERVISOR
LABOR ECONOMIST
LABOR-RELATIONS CONSULTANT
LABOR-RELATIONS SPECIALIST
labor-relations representative
LANDSCAPE ARCHITECT
community planner
land planner
site planner
LAW CLERK
LAWYER
advocate
attorney
barrister
counselor-at-law
jurist
solicitor
LAWYER, ADMIRALTY
LAWYER, CIVIL
LAWYER, CORPORATION
business and financial counsel
corporate counsel
LAWYER, CRIMINAL
LAWYER, PATENT
patent attorney
solicitor, patent
LAWYER, PROBATE
LAWYER, REAL ESTATE
LAY-OUT MAN AND CHECKER
lay-out checker
lay-out draftsman
LECTURER
LETTERER
commercial artist, lettering
LEVEL MAN
LEXICOGRAPHER
LIBRETTIST
LIMNOLOGIST
LINGUIST
LITERARY WRITER
fiction writer
writer
LOBBYIST
LUBRICATION ENGINEER
LYRIC WRITER
lyricist
song writer
MACHINE-TOOL DESIGNER
MAGAZINE ILLUSTRATOR
MAGAZINE WRITER
MAINTENANCE TECHNICIAN
MAMMALOGIST
MANAGEMENT AID
MANAGER, ELECTRONIC DATA PROCESSING
director, data processing
MANAGER, EMPLOYMENT
director, employment
employee-utilization officer
employment supervisor
superintendent, employment
MANAGER, HOUSING PROJECT
MANAGER, PERSONNEL
director, personnel
manager, employee relations
personnel supervisor
MANAGER, PHOTOGRAPH GALLERY OR STUDIO
MANAGER, TECHNICAL-AND-SCIENTIFIC PUBLICATIONS
MANAGER, TECHNICAL SERVICE
MANUFACTURING ENGINEER
MARINE BIOLOGIST
MARINE ENGINEER
MARKET-RESEARCH ANALYST I
MARKET-RESEARCH ANALYST II
MATERIALS ENGINEER
MATERIALS-HANDLING ENGINEER
MATHEMATICAL TECHNICIAN
data-reduction technician
engineering analyst
technical analyst
MATHEMATICIAN
MATHEMATICIAN, APPLIED
MATHEMATICIAN, RESEARCH
MEASUREMENT-AND-CONTROL ENGINEER
process engineer
MECHANICAL ENGINEER
MECHANICAL-ENGINEERING TECHNICIAN
engineering technician
experimental technician
laboratory-development technician
mechanical technician
MECHANICAL-SEPARATION ENGINEER
MEDICAL BACTERIOLOGIST
MEDICAL PARASITOLOGIST
MEMBERSHIP SECRETARY
MEN'S CLOTHING DESIGNER
METALLOGRAPHER
METALLURGIST
metallurgical engineer
METALLURGIST, ASSISTANT
metallurgical-laboratory assistant
metallurgical tester
physical-laboratory assistant
METALLURGIST, EXTRACTIVE
metallurgist, process
METALLURGIST, PHYSICAL
radiologist
METEOROLOGIST
synoptic meteorologist
weather forecaster
weather man
METHODS ENGINEER
lay-out engineer
methods designer
planning engineer
METHODS ENGINEER, CHIEF
methods-and-planning engineer, chief
METHODS-STUDY ANALYST
MICROBIOLOGIST
bacteriologist
MICROPALEONTOLOGIST
MINERALOGIST
MINING ENGINEER
MISSIONARY
MIXING ENGINEER
MODELER
MODEL MAKER
MOSAICIST
lay-out man
MOTION-STUDY ANALYST
MULTIPLEX-PROJECTION TOPOGRAPHER
multiplex operator
stereo operator
MULTIPLEX-PROJECTION TOPOGRAPHER—Con.
sterco-plotter operator
stereoptic projection topographer
MUSHROOM-SPAWN MAKER
spawn maker
MUSICIAN
MYCOLOGIST
NATURALIST
NOVELIST
NUCLEAR ENGINEER
nucleonics engineer
NUMISMATIST
NUTRITIONIST
OCEANOGRAPHER, GEOLOGICAL
geologist, marine
OCEANOGRAPHER, PHYSICAL
OLERICULTURIST
horticulturist, vegetables
vegetable-gardening specialist
OPERATIONS-RESEARCH ANALYST
management-operations analyst
operations analyst
OPTICAL ENGINEER
optical designer
OPTICAL-MISSILE-TRACKING TECHNICIAN
photo-optics technician
OPTOMETRIST
ORCHESTRA LEADER
band leader
bandmaster
conductor
director, music
maestro
orchestra conductor
ORCHESTRATOR
ORGANIZER I
fraternal representative
ORNAMENTAL HORTICULTURIST
ORNITHOLOGIST
OUTDOOR-ILLUMINATING ENGINEER
PACE ANALYST
PACKAGE DESIGNER
PAINTER
PAINTER, FRESCO
PAINTER, GLASS
glass stainer
painter, stained glass
PAINTER, LANDSCAPE
PAINTER, MINIATURE
PAINTER, MURAL
PAINTER, OIL
PAINTER, PORTRAIT
PAINTER, STATUARY
PAINTER, WATERCOLOR
PAINTINGS RESTORER
preservator
PALEOBOTANIST
PALEONTOLOGIST
PARASITOLOGIST
PARISH WORKER
PARK-LANDSCAPE ARCHITECT
PAROLE OFFICER
PASTOR
PATENT AGENT
PATTERN ENGINEER
PENOLOGIST
PERSONNEL RECRUITER
recruiting representative
PETROLOGIST
PHARMACEUTICAL BACTERIOLOGIST
PHARMACIST
druggist
registered pharmacist
PHARMACIST, COMMUNITY
PHARMACIST, HOSPITAL
PHARMACOLOGIST
PHASE-CHANGE-SEPARATION ENGINEER
PHILATELIST
PHILOLOGIST
PHONOGRAPH-ALBUM DESIGNER
PHOTOGEOLOGIST
PHOTOGRAMMETRIC ENGINEER
PHOTOGRAMMETRIST
cartographic technician
photogrammetric technician
PHOTOGRAPHER, AERIAL
PHOTOGRAPHER APPRENTICE, COMMERCIAL
still-cameraman apprentice
PHOTOGRAPHER APPRENTICE, PORTRAIT
cameraman apprentice
PHOTOGRAPHER, COMMERCIAL
still cameraman
PHOTOGRAPHER, PORTRAIT
camera artist
cameraman
photograph maker
PHOTOGRAPHER, SCIENTIFIC
PHOTOGRAPHIC ENGINEER
photographic technologist
PHOTOMETRIC ENGINEER
PHYSICAL-DEMANDS ANALYST
PHYSICAL GEOGRAPHER
PHYSICIST
PHYSICIST, ACOUSTICS
PHYSICIST, ATOMIC AND MOLECULAR
PHYSICIST, ELECTRICITY AND MAGNETISM
PHYSICIST, ELECTRONICS
PHYSICIST, HEAT
physicist, thermodynamics
PHYSICIST, LIGHT
physicist, optics
PHYSICIST, MECHANICS
PHYSICIST, NUCLEAR
PHYSICIST, SOLID-STATE
PHYSICIST, THEORETICAL
PHYSIOLOGIST
PLANE-TABLE MAN
plane-table operator
PLANT BREEDER
PLANT CYTOLOGIST
PLANT ECOLOGIST
PLANT ENGINEER
factory engineer
superintendent, mechanical
PLANT ENGINEER, ELECTRICAL
PLANT NEMATOLOGIST
nematologist
PLANT PATHOLOGIST
PLANT PHYSIOLOGIST
PLANT TAXONOMIST
PLAYWRIGHT
dramatist
playwriter
POET
versifier
POLISHER
POLITICAL GEOGRAPHER
POLITICAL SCIENTIST
POMOLOGIST
horticulturist, fruit

profess. & kin.—continued

POSTER ARTIST
POULTRY HUSBANDMAN
poultry scientist
POWER-PLANT ENGINEER, STEAM
power engineer
PRICE ECONOMIST
PRINTMAKER
etcher, hand
PRISONER-CLASSIFICATION INTERVIEWER
PROBATION OFFICER
PRODUCTION ENGINEER
PRODUCTION MANAGER, ADVERTISING
PRODUCTION PLANNER
methods-and-processing man
planner, chief
planning supervisor
process planner
production-planning supervisor
production scheduler
scheduler
tool-and-production planner
PROFESSIONAL ENGINEER
PROGRAM AID, GROUP WORK
PROGRAM DIRECTOR, GROUP WORK
PROGRAMER, BUSINESS
PROGRAMER, CHIEF, BUSINESS
coordinator, computer programing
lead programer
PROGRAMER, ENGINEERING AND SCIENTIFIC
programer, technical
PROJECT DIRECTOR, BUSINESS DATA PROCESSING
business-systems coordinator
lead analyst
program manager
project planner
senior systems analyst, business
PROJECT PLANNER, DATA-PROCESSING SYSTEM
PROTOZOOLOGIST
PSYCHOLOGIST, CLINICAL
PSYCHOLOGIST, COMPARATIVE
PSYCHOLOGIST, COUNSELING
PSYCHOLOGIST, DEVELOPMENTAL
PSYCHOLOGIST, EDUCATIONAL
PSYCHOLOGIST, ENGINEERING
PSYCHOLOGIST, EXPERIMENTAL
PSYCHOLOGIST, INDUSTRIAL
PSYCHOLOGIST, MILITARY PERSONNEL
PSYCHOLOGIST, PERSONNEL
PSYCHOLOGIST, PHYSIOLOGICAL
PSYCHOLOGIST, SCHOOL
PSYCHOLOGIST, SOCIAL
PSYCHOMETRIST
PUBLIC HEALTH EDUCATOR
community health educator
teacher, public health
PUBLIC-RELATIONS MAN I
director, publicity
director, public relations
manager, promotion
manager, publicity
press agent
PUBLIC-RELATIONS MAN I —Continued
promotion man
public-information writer
publicity agent
publicity man
publicity supervisor
publicity writer
public-relations counsel
PUBLIC-RELATIONS MAN II
director, publicity
director, public relations
manager, promotion
manager, publicity
press agent
promotion man
public events man
publicity agent
publicity man
publicity supervisor
publicity writer
public-relations counsel
PUBLIC-RELATIONS WOMAN
PUBLIC-UTILITIES ENGINEER
PURCHASE-PRICE ANALYST
PURIFICATION-PLANT OPERATOR
QUALITY-CONTROL ANALYST
QUALITY-CONTROL ENGINEER
reliability engineer
QUALITY-CONTROL TECHNICIAN
RADAR ENGINEER
RADIATION MONITOR
health-physics technician
personnel monitor
radiation protection man
RADIO ASTRONOMER
RADIO-DESIGN ENGINEER
RADIO ENGINEER
RADIO-RESEARCH ENGINEER
radio technician
RADIOSONDE OPERATOR
RAILROAD ENGINEER
RANGE CONSERVATIONIST
RANGE MANAGER
range-management specialist
RATE ENGINEER
rate supervisor
RECREATION LEADER
RECREATION SUPERVISOR
RECREATION SUPERVISOR, SPECIAL ACTIVITY
RECTOR
REFRIGERATION ENGINEER
REHABILITATION THERAPIST
REPRESENTATIVE, GOVERNMENT RELATIONS
RESEARCH ASSISTANT II
RESEARCH DIRECTOR
RESEARCH ENGINEER
RESEARCH FORESTER
RESEARCH HORTICULTURIST, BREEDING
RESEARCH HORTICULTURIST, PRODUCTION
RESEARCH NUTRITIONIST
dietitian, research
RESEARCH WORKER, ENCYCLOPEDIA
RESEARCH WORKER, SOCIAL WELFARE
REWRITE MAN
ROCKET-CONTROL TECHNICIAN
RURAL SOCIOLOGIST
SAFETY-CLOTHING-AND-EQUIPMENT-DEVELOPMENT MAN
protective-clothing-and-equipment specialist
SAFETY ENGINEER
director, safety
safety coordinator
safety-device man
safety man
safety supervisor
SAFETY ENGINEER, MINES
director, safety
safety man
SALARY AND WAGE ADMINISTRATOR
wage and salary supervisor
SALES ENGINEER
sales-engineering consultant
salesman, industrial
SALES-SERVICE MAN
SALVAGE ENGINEER
SANITARIAN
SANITARY ENGINEER
public-health engineer
SCANNER
SCIENTIFIC HELPER
laboratory assistant
research assistant
SCIENTIFIC LINGUIST
linguistician
linguistic scientist
structural linguist
SCIENTIST
SCREEN COACH
SCULPTOR
statue maker
SCULPTOR, WOOD
SCULPTRESS
SEED ANALYST
farm-seed specialist
SEISMOLOGIST
SEPARATION ENGINEER
SERICULTURIST
SEROLOGIST
SERVICE ENGINEER
SEWAGE-DISPOSAL ENGINEER
SHORT-STORY WRITER
SIGNAL ENGINEER
SILHOUETTE ARTIST
SILVICULTURIST
SIZE-REDUCTION ENGINEER
SKETCH PORTRAITIST
caricaturist
quick-sketch artist
SMALL-TOOL DESIGNER
SOCIAL ECOLOGIST
SOCIAL GROUP WORKER
SOCIAL PATHOLOGIST
SOCIAL-WORKER CONSULTANT
SOCIAL WORKER
SOCIAL WORKER, DELINQUENCY PREVENTION
SOCIAL WORKER, MEDICAL
social worker, clinical
SOCIAL WORKER, PSYCHIATRIC
social worker, clinical
SOCIAL WORKER, SCHOOL
home and school visitor
school adjustment counselor
visiting teacher
SOCIOLOGIST
SOFTENING-PLANT OPERATOR
SOIL BACTERIOLOGIST
SOIL CONSERVATIONIST
SOIL-FERTILITY EXPERT
SOIL SCIENTIST
SOIL TESTER
SOLOIST
SPECIFICATION WRITER, AIRPLANES
airplane-specifications engineer
SPECIFICATION WRITER, ELECTRICAL
SPECIFICATION WRITER, ENGINEERING
SPECTROSCOPIST
spectrographer
spectrographic analyst
SPEECH-AND-HEARING CLINICIAN
SPEECH CLINICIAN
speech correctionist
SPEECH PATHOLOGIST
STAINED-GLASS-WINDOW DESIGNER
STATISTICIAN, AGRICULTURAL ECONOMICS
STATISTICIAN, ANALYTICAL
STATISTICIAN, APPLIED
STATISTICIAN, BIOLOGICAL AND AGRICULTURAL SCIENCE
biostatistician
STATISTICIAN, BUSINESS ADMINISTRATION
STATISTICIAN, BUSINESS AND ECONOMICS
STATISTICIAN, CHEMISTRY
STATISTICIAN, EDUCATION
STATISTICIAN, FINANCIAL
STATISTICIAN, INDUSTRIAL
STATISTICIAN, MARKETING AND ADVERTISING
STATISTICIAN, MATHEMATICAL
STATISTICIAN, MEDICINE
STATISTICIAN, OPINION POLLING
STATISTICIAN, PHYSICAL SCIENCE AND ENGINEERING
STATISTICIAN, PUBLIC HEALTH
STATISTICIAN, SOCIAL SCIENCE
STATISTICIAN, SURVEY
STATISTICIAN, VITAL
STORY TELLER
roving story teller
STRATIGRAPHER
STRUCTURAL DESIGNER
SUPERVISOR, MANUALS
SUPERVISOR, MOBILIZATION PLANNING
SUPERVISOR, PUBLICATIONS
director, publications
publications officer
SUPERVISOR, TOPOGRAPHICAL MAPPING
supervisor mosaicist
SURVEYOR
chief of party
party chief
SURVEYOR, GEODETIC
SURVEYOR, HIGHWAY
SURVEYOR, LICENSED LAND
SURVEYOR, MARINE
surveyor, hydrographic
SURVEYOR, REGISTERED LAND
SURVEYOR, TOPOGRAPHICAL PHOTOGRAPHY
SYMPHONIC-ORCHESTRA LEADER
SYNCHROTRON OPERATOR
SYSTEMS ANALYST, BUSINESS ELECTRONIC DATA PROCESSING
commercial-systems analyst and designer
data-methods analyst
systems and procedures analyst, business data processing
SYSTEMS ENGINEER
SYSTEMS ENGINEER, ELECTRONIC DATA PROCESSING
computer systems engineer
methods analyst, electronic data processing
SYSTEMS-TESTING-LABORATORY TECHNICIAN
TAX ATTORNEY
tax agent
tax representative
TAX ECONOMIST
TAXIDERMIST
TAXONOMIST
TECHNICAL ILLUSTRATOR
engineering illustrator
production illustrator
TECHNICAL WRITER, ELECTRONIC-SERVICE PUBLICATIONS
TECHNICIAN
technical aid
technical assistant
TECTONOPHYSICIST
TELEVISION ENGINEER
TESTER
physical tester
testing-machine operator
TEST-REACTOR OPERATOR
nuclear-reactor technician
reactor technician
TEXTILE ENGINEER
THEATER COACH
THERMIONICS ENGINEER
TIMBER-MANAGEMENT SPECIALIST
TIME-STUDY ANALYST II
TIME-STUDY ENGINEER
efficiency expert
manager, production
methods-and-procedures man
production engineer
production expert
standards engineer
time-study analyst
waste-elimination man
work-measurement engineer
TITLE ATTORNEY
title examiner
title man
TITLE EXAMINER I
abstractor
TITLE SUPERVISOR
TOOL DESIGNER
development mechanic
general-and-special tools investigator and planner
machine-tool-and-die technician
TOOL DESIGNER—Con.
tool-and-equipment design specialist
TOOL-DESIGNER APPRENTICE
TOOL ENGINEER
TOOL-PLANNING ENGINEER
TRANSIT MAN
TRANSLATOR
TRANSLATOR, SCIENTIFIC DOCUMENTS
TRAVEL-ACCOMMODATION APPRAISER
touring reporter
travel-guide representative
URBAN PLANNER
city planner
city-planning engineer
land planner
town planner
URBAN SOCIOLOGIST
VALUATION ENGINEER
appraisal engineer
cost engineer
evaluation engineer
property engineer
VALVE-DESIGNING ENGINEER
VETERINARY ANATOMIST
VETERINARY BACTERIOLOGIST
VETERINARY EPIDEMIOLOGIST
VETERINARY PARASITOLOGIST
VETERINARY PHARMACOLOGIST
VETERINARY PHYSIOLOGIST
VETERINARY VIROLOGIST
VIROLOGIST
VITICULTURIST
VOLCANOLOGIST
WEATHER-CHART PREPARER
meteorological plotter
weather-chart plotter
WEATHER OBSERVER
meteorological aid
WELDING ENGINEER
WOMEN'S-CLOTHING DESIGNER
WOOD TECHNOLOGIST
forest-products technologist
wood anatomist
WOOL TECHNOLOGIST
WRITER, TECHNICAL PUBLICATIONS
handbook writer
service-publication writer
technical editor
technical writer
writer, publications
ZOOLOGIST

radio & tv broad.—RADIO AND TELEVISION BROADCASTING INDUSTRY: This industry embraces occupations concerned with creating and broadcasting local, national, and international aural and visual programs, including the following phases of work: preparing and directing musical programs, plays, and skits; making electrical recordings; operating and maintaining broadcasting, audio, and video equipment; selling programs to sponsors; and transmitting such special events as public rallies and sporting engagements. Program participants, such as actors, comedians, musicians, and speakers, are included under AMUSEMENT AND RECREATION (amuse. & rec.).

ANNOUNCER
ANNOUNCER, INTERNATIONAL BROADCAST
ANNOUNCER SUPERVISOR
announcer, chief
announcer, head
AUDIO OPERATOR
audio engineer
audio technican
sound engineer
studio engineer, audio control

BROADCAST CHECKER
program clerk
radio-program checker
CAMERAMAN
video-camera engineer
CAMERAMAN, ASSISTANT
dolly pusher
COMMERCIAL ANNOUNCER
COMMERCIAL ENGINEER
traffic engineer
CONTINUITY READER
CONTINUITY WRITER
CONTROL-ROOM MAN
control operator
master-control operator
master-control supervisor
switch-bank-desk operator
CONTROL-ROOM TECHNICIAN
CONTROL-ROOM-TECHNICIAN SUPERVISOR
CONTROL SUPERVISOR, JUNIOR
CONTROL SUPERVISOR, SENIOR
master-control supervisor
COPYRIGHT EXPERT
copyright clerk
CORRESPONDENT
newspaper correspondent
COSTUMER
wardrobe designer
wardrobe mistress
DIRECTOR
DIRECTOR, BROADCAST I
DIRECTOR, CASTING
talent director
DIRECTOR, EDUCATIONAL RADIO
DIRECTOR, INTERNATIONAL BROADCASTING
manager, international division
DIRECTOR, INTERNATIONAL PROGRAMS
DIRECTOR, MUSIC
conductor, music
manager, music
musical director
DIRECTOR, MUSIC, INTERNATIONAL BROADCAST
DIRECTOR, OPERATIONS
DIRECTOR, OPERATIONS, BROADCAST
DIRECTOR, PROGRAM I
manager, program
DIRECTOR, PROGRAM II
director, broadcast
radio director
DIRECTOR, PUBLIC SERVICE
manager, public service
DIRECTOR, RADIO
DIRECTOR, SPORTS
DIRECTOR, TECHNICAL
switching operator
DIRECTOR, TELEVISION
DISK JOCKEY
DISK-RECORDING-MACHINE OPERATOR
DRAFTSMAN, RADIO
EDITOR, CONTINUITY AND SCRIPT
manager, continuity and script
script supervisor
EDITOR, FILM, NEWS REEL
EDITOR, FOREIGN NEWS, BROADCAST
EDITOR, NEWS
manager, news and special events
FIELD ENGINEER
field technician
FIELD SUPERVISOR, BROADCAST
FOREIGN-NEWS TRANSLATOR
voice interceptor
GAG WRITER
gag man
KINESCOPE-RECORDING ENGINEER
LIGHT TECHNICIAN
light-direction engineer
lighting technician
LOCAL ANNOUNCER
MANAGER, COPYRIGHT
MANAGER, NEWS, SPECIAL EVENTS, AND PUBLIC AFFAIRS
MANAGER, SOUND EFFECTS
sound-effects supervisor
sound man, chief
sound man, head
MANAGER, STATION
MANAGER, TRAFFIC
MASTER-CONTROL ENGINEER
MICROPHONE OPERATOR
MICROWAVE ENGINEER
MUSICAL PROGRAM DIRECTOR
music administrator
MUSIC LIBRARIAN
librarian
MUSIC LIBRARIAN, INTERNATIONAL
NETWORK ANNOUNCER
NEWS ANALYST, BROADCAST
commentator
news commentator
PAGE BOY
POWER-PLANT ATTENDANT
maintenance engineer
maintenance technician
PRODUCER I
PRODUCER-DIRECTOR I
PRODUCTION CHIEF
PRODUCTION CHIEF, INTERNATIONAL BROADCAST
executive producer
producer
producer-director
PRODUCTION MAN
PRODUCTION MAN, INTERNATIONAL BROADCASTING
producer
production man, bilingual
PROGRAM ASSISTANT
associate director
production assistant
PROGRAM-TRANSMISSION SUPERVISOR
traffic clerk
traffic man
traffic supervisor
PROPERTY HANDLER
floorman, stage
grip
RADIO ANNOUNCER
RADIO ENGINEER
engineer, chief
engineer-in-charge
radio operator, chief
station engineer
technician, senior
RADIO PRODUCER
RECORDING-MACHINE OPERATOR
recording technician
RIGGER
lineman
RIGGER FOREMAN
rigger, radio, chief
SALESMAN, RADIO AND TELEVISION TIME
account executive
sales executive
SCREEN REPORTER
SCRIPT ASSISTANT
SCRIPT READER
copy reader
editor
SCRIPT WRITER
program writer
SCRIPT WRITER, INTERNATIONAL BROADCAST
SOUND-EFFECTS MAN
sound-effects technician
SOUND MIXER
mixer operator
music mixer
operator, chief
recording engineer
sound man
studio engineer
studio technician
SPECIAL-EVENTS MAN
SPORTS ANNOUNCER
STATIONS-RELATIONS CONTACT REPRESENTATIVE
SUPERVISING FILM EDITOR
SUPERVISOR, COSTUMES
TAPE-RECORDING-MACHINE OPERATOR
TELECINE OPERATOR
TELEPROMPTER OPERATOR
TELETRANSCRIPTION ENGINEER
TELEVISION ANNOUNCER
TELEVISION-CABLE LINEMAN
TELEVISION-FILM FIELD COORDINATOR
TELEVISION PRODUCER
TELEVISION-SCHEDULE COORDINATOR
program schedule clerk
TRANSMISSION ENGINEER
TRANSMITTER OPERATOR
transmitter engineer
VIDEO OPERATOR
camera-control operator
color-television-console monitor
video engineer
VIDEO-RECORDING ENGINEER
VIDEOTAPE - RECORDING ENGINEER
WARDROBE-MISTRESS ASSISTANT
costumer assistant
custodian, wardrobe
wardrobe draper
wardrobe girl
WATCHMAN, SET
WIRE - RECORDING - MACHINE OPERATOR
WRITER-ANNOUNCER, BILINGUAL, INTERNATIONAL BROADCAST
announcer - translator, foreign language
WRITER, NEWS, INTERNATIONAL BROADCAST
WRITER, NEWS-OR-SCRIPT, FOREIGN LANGUAGE

real estate—REAL ESTATE: This industry includes occupations in the operation of various types of real-estate offices and the functions of real-estate agents, brokers, and dealers. The principal functions covered include real-estate development (not including construction) real-estate management, operation, ownership, and rental of property, such as auditoriums, concert halls, houses, and office buildings, and buying and selling buildings and land.

APPRAISER, REAL ESTATE
BUSINESS BROKER
business opportunity broker
LOAN CLOSER
MANAGER, PROPERTY
REAL-ESTATE BROKER
SALESMAN, REAL ESTATE
real-estate agent
TITLE SEARCHER
chainman

refrigerat. equip.—REFRIGERATOR AND REFRIGERATING AND ICE-MAKING EQUIPMENT INDUSTRY: Included under this designation are jobs that are concerned with manufacturing insulated ice boxes, display cases, and cooler compartments, and manufacturing refrigerator equipment for cooling the above-mentioned cases and for making artificial ice. This industry also includes the manufacture of complete air-conditioning units.

AIR - CONDITIONING - COIL ASSEMBLER
coil fin assembler
plate fin assembler
AIR - CONDITIONING - UNIT INSTALLER
air - conditioning - unit assembler
AIR - CONDITIONING - UNIT TESTER
ASSEMBLER, COOLERS
cooler assembler, final assembly
AUTOMOBILE AIR-CONDITIONER ASSEMBLER
CARPENTER, REFRIGERATOR
GAS CHARGER
charging-board operator
GAS-LEAK TESTER
METAL - WASHING - MACHINE OPERATOR
REFRIGERATION MECHANIC
REFRIGERATION-UNIT REPAIRMAN
REFRIGERATOR CABINETMAKER
REFRIGERATOR CLEANER
REFRIGERATOR CRATER
REFRIGERATOR GLAZIER
REFRIGERATOR INSPECTOR
REFRIGERATOR TESTER
SANDER

ret. tr.—RETAIL TRADE: This industry embraces occupations that are concerned with the sale of goods to ultimate consumers for consumption or utilization, and with services incidental to the sale of goods. Most retailing is carried on in places of business that are open to the general public.

ALTERATION TAILOR
alterer
busheler
bushelman
clothes mender
clothes repairer
mender
ALUMINUM-SIDING INSTALLER
ANALYST
APPRAISER, AUTOMOBILE
APPRAISER, FURNITURE
ASBESTOS-SIDING INSTALLER
ASPHALT-TILE-FLOOR LAYER
AUCTIONEER
AUCTIONEER, ART
AUCTIONEER, FURNITURE
AUCTIONEER, LIVESTOCK
AUCTIONEER, REAL ESTATE
AWNING CUTTER, HAND
AWNING HANGER
awning erector
awning installer
AWNING-HANGER HELPER
installation helper
AWNING MAKER-AND-INSTALLER
BAGGER
box boy
package boy
BAKERY DEMONSTRATOR
BAKERY GIRL
BELT BOY, PACKAGE SORTING
BILLIARD-TABLE REPAIRMAN
billiard mechanic
BINDING SEWER, HAND
BOAT RIGGER
boat accessories installer
outboard motorboat rigger
BRIDAL CONSULTANT
wedding consultant
BROKER
buyer
dealer
BUILDING-INSULATING CARPENTER
BUILDING-INSULATING ENGINEMAN
feeder man
power-unit operator
BUREAU OF STANDARDS SUPERVISOR
BUYER I
BUYER II
BUYER, ASSISTANT
BUYER, CATTLE
BUYER, CHAIN STORE
BUYER, HOG
BUYER, LIVESTOCK
BUYER, METAL
BUYER, PAPER
BUYER, RAG
BUYER, SALVAGE
metal buyer
BUYER, SHEEP
CALL-OUT OPERATOR
CANDY-DEPARTMENT MANAGER
CAP DESIGNER
CAR CHECKER
get-ready man
CAR LOCATOR
CARPET CUTTER
CARPET LAYER
CARPET-LAYER HELPER
CARPET SEWER
sewing-machine operator, carpets
CASH BOY
CASH GIRL
CASHIER-CHECKER
CASHIER, COURTESY BOOTH
CASHIER-WRAPPER
CHECKER, FITTING ROOM
COAL BAGGER
COAL HIKER
COAT BASTER
COAT FINISHER
COAT-REPAIR INSPECTOR
COMPARISON SHOPPER
merchandise shopper
professional shopper
shopper
CONCESSION SUPERVISOR
CONCRETE-PANEL INSTALLER
CONTACT-LENS TECHNICIAN
CONTRACT CLERK, AUTOMOBILE
CONVEYOR-BELT LOADER
CORK-TILE-FLOOR LAYER
CORSET FITTER
corset-alteration woman
COUNTERMAN, APPLIANCE PARTS
COUNTERMAN, AUTOMOTIVE PARTS
COUNTERMAN, FARM EQUIPMENT PARTS
COUNTERMAN, INDUSTRIAL MACHINERY AND EQUIPMENT PARTS
COUNTERMAN, RADIO, TELEVISION, AND ELECTRONICS PARTS
COUNTERMAN, TRACTOR PARTS
COUNTERMAN, TRUCK PARTS
CREDIT CARD CLERK
CUSTOMER-SERVICE SPECIALIST
DELI CUTTER-SLICER
DELIVERY BOY
DEMONSTRATOR
DEPARTMENT HEAD, SUPERMARKET
DIRECTOR, ART
DIRECTOR, SERVICE
manager, operating and occupancy
superintendent, non-selling
superintendent, operating
DISPLAY MAN
decorator
display trimmer
DOLL REPAIRER
DRAPERY AND UPHOLSTERY ESTIMATOR
upholstery and drapery estimator
DRAPERY AND UPHOLSTERY MEASUREMAN
upholstery and drapery measureman
DRAPERY CUTTER, HAND
DRAPERY HANGER
installation man, draperies
installer
DRAPERY OPERATOR
drapery seamstress
drapery worker
drapery-workroom girl
DRAPERY-ROD ASSEMBLER

ret. tr.—continued

DRESS CHECKER
EMBROIDERY - PATTERN MAKER
ESCALATOR ATTENDANT
FANCY PACKER
FASHION ARTIST
FASHION COORDINATOR
director, fashion
display stylist
stylist
FASHIONIST
FEED AND FARM MANAGEMENT ADVISER
FIELD REPRESENTATIVE
FIGURE REFINISHER AND REPAIRER
FILM-RENTAL CLERK
audiovisual librarian
film booker
film librarian
FISHMAN
FLOOR-COVERING BUYER
FLOOR-COVERINGS ESTIMATOR
measureman
FLOOR LAYER
floor coverer
floor - covering - block layer
FLORAL DESIGNER
FOOD DEMONSTRATER
FOREIGN BUYER
FRINGE SEWER, CARPET
FUEL-OIL-DELIVERY MAN
FUR BLOWER
blower
FUR CLEANER
fur beater
fur drummer
fur dry-cleaner
furrier
sawdust-machine operator
FURNITURE INSPECTOR
FURNITURE PACKER
FURNITURE SET-UP MAN
FUR-REPAIR INSPECTOR
FUR-STORAGE CLERK
fur-vault attendant
GARMENT - ALTERATION EXAMINER
alteration inspector
outgoing inspector
GARMENT EXAMINER
GARMENT RIPPER, ALTERATIONS
ripper
GAS-DELIVERY MAN
GROCERY CHECKER
GROCERY CLERK
GROCERYMAN, JOURNEYMAN
HAT DESIGNER
stylist
HOUSE-TRAILER-LOT UTILITY MAN
maintenance man, house trailer
ICE-CREAM MAN
ICE-CREAM SALESMAN
ICE HARVESTER
ICEMAN
IMPORTER-EXPORTER
INSTRUCTOR, KNITTING
INSTRUCTOR, PAINTING
INSTRUCTOR, SEWING
INSULATION HOSEMAN
blower insulator
hoseman
house insulator
insulation nozzleman
INTERIOR-DISPLAY MAN
LAY-AWAY Clerk
LEI SELLER
lei maker
LINOLEUM CUTTER
LINOLEUM-FLOOR LAYER
LINOLEUM LAYER
LINOLEUM-TILE-FLOOR LAYER
LOCKER-PLANT ATTENDANT
MAIL-ORDER BILLER
MAIL-ORDER FILLER
MAIL-ORDER SORTER
MANAGER, BULK PLANT
field operating superintendent
MANAGER, DEPARTMENT
manager, floor
MANAGER, DISPLAY
display director
superintendent, display
MANAGER, MERCHANDISE
director, merchandise
MANAGER, PARTS
counterman
manager, stockroom
parts man
MANAGER, RETAIL APPAREL
MANAGER, RETAIL AUTOMOTIVE
MANAGER, RETAIL DAIRY PRODUCTS
MANAGER, RETAIL DRUG
MANAGER, RETAIL FLORAL
MANAGER, RETAIL FOOD
MANAGER, RETAIL GENERAL MERCHANDISE
MANAGER, RETAIL HARDWARE AND FARM IMPLEMENTS
MANAGER, RETAIL HOUSEFURNISHINGS
MANAGER, RETAIL HOUSEHOLD APPLIANCES
MANAGER, RETAIL LIQUOR
MANAGER, RETAIL LUMBER AND BUILDING SUPPLIES
MANAGER, RETAIL SHOE
MANAGER, RETAIL VARIETY
MANAGER, STORE I
MANAGER, STORE II
MARKER
marking clerk
merchandise marker
price marker
ticket maker
MARKET MASTER
market manager
market superintendent
MASTER TAILOR
custom tailor
journeyman tailor
made-to-measure tailor
tailor
MEASUREMAN I
MEAT BUYER
MEAT CLERK
MEAT COUNTERMAN
MEAT CUTTER
butcher
meat counterman
meatman
salesperson, meats
MEAT-CUTTER APPRENTICE
butcher apprentice
meat-counterman apprentice
salesperson apprentice, meats
MEAT INSPECTOR
MEMORIAL COUNSELOR
cemetery salesman
salesman, interment needs
MEN'S-GARMENT FITTER
MEN'S-HAT DESIGNER
MERCHANDISE-ADJUSTMENT CLERK
METAL-TILE SETTER
MILLINER
hat maker
millinery maker
women's-hat maker
MILLINERY DESIGNER
MODEL
clothes model
fashion model
house model
manikin
mannequin
merchandise model
MODEL DRESSER
MONEY COUNTER
NEW-CAR SALESMAN
OFFICE-LAY-OUT-SERVICE MAN
OPTICIAN
optical mechanic
OPTICIAN APPRENTICE
ophthalmic-technican apprentice
optical-mechanic apprentice
OPTICIAN, CONTACT-LENS DISPENSING
OPTICIAN, DISPENSING
OPTICIAN, DISPENSING (optical goods; ret. tr.)
ORNAMENTAL-BRICK INSTALLER
PAINT DEMONSTRATOR
PANTS BUSHELMAN
PANTS MARKER
PAWNBROKER
salesman, pawn shop
PEDDLER I
hawker
huckster
vendor
PERSONAL SHOPPER
personal-service shopper
shopper's aid
special shopper
PET SHOP ATTENDANT
PICTURE FRAMER
assemblyman
framer
PLASTIC-PANEL INSTALLER
PLASTIC-TILE LAYER
PLAYGROUND-EQUIPMENT ERECTOR
PORCELAIN-ENAMEL INSTALLER
PORTER, USED-CAR LOT
used-car-lot attendant
PRODUCE CLERK
PRODUCE DEPARTMENT HEAD
PRODUCE MAN
PRODUCE WEIGHER
PRODUCTION MAN
RADIATOR-ENCLOSURE ESTIMATOR AND INSALLER
REFERENCE CLERK
REFRIGERATOR MAN
RUBBER-TILE-FLOOR LAYER
RUG MEASURER
rug-receiving clerk
SALES ATTENDANT
SALES-CHECK WRITER
SALES CLERK
SALES CLERK, FRESH POULTRY
SALES CLOSER
SALESMAN
SALESMAN, ADDING MACHINE
SALESMAN, ADDRESSING MACHINE
SALESMAN, AIRCRAFT
SALESMAN, AUTOMOBILE
SALESMAN, BOATS AND NAUTICAL EQUIPMENT
SALESMAN, BOOKKEEPING-AND-ACCOUNTING MACHINE
SALESMAN, BURIAL PLOTS
SALESMAN, CALCULATING MACHINE
SALESMAN, CASH REGISTER
SALESMAN, CATTLE-AND-POULTRY FOOD SUPPLEMENTS
SALESMAN, CHECK-ENDORSING - AND - SIGNING MACHINE
SALESMAN, CHURCH FURNITURE AND EQUIPMENT
SALESMAN, COMMERCIAL EQUIPMENT AND SUPPLIES
SALESMAN, CUSTOM DRAPERY
SALESMAN, DICTATING MACHINE
SALESMAN, DUPLICATING MACHINE
SALESMAN, EDUCATION COURSES
SALESMAN, FLOOR COVERINGS
SALESMAN, GENERAL
SALESMAN, GRAVE COVERINGS AND MARKERS
SALESMAN, GROCERIES
SALESMAN, HOUSE-TO-HOUSE
canvasser
peddler
solicitor
SALESMAN, HOUSE TRAILERS
SALESMAN, MARINE SUPPLIES
SALESMAN, MEATS
SALESMAN, MEDICAL EQUIPMENT AND SUPPLIES
SALESMAN, NOTIONS
SALESMAN, OFFICE MACHINES
SALESMAN, PIANO AND ORGAN
SALESMAN, POULTRY EQUIPMENT AND SUPPLIES
SALESMAN, SEWING MACHINE
SALESMAN, STENOGRAPHIC MACHINE
SALESMAN, TELEVISION AND APPLIANCES
salesman, electronic components
SALESMAN, TELEVISION CABLE SERVICE
contact man
SALESMAN, TRACTOR AND FARM IMPLEMENTS
SALESMAN, TYPEWRITER
SALESMAN, UNIFORMS
SALESMAN, UPHOLSTERY AND FURNITURE REPAIR
SALESPERSON
SALESPERSON, AUTOMOBILE ACCESSORIES
counterman
SALESPERSON, BOOKS
book clerk
SALESPERSON, CHINA AND GLASSWARE
SALESPERSON, CONTINGENT
relief clerk
salesperson, part time
salesperson, relief
SALESPERSON, CORSETS
corsetier
SALESPERSON, COSMETICS AND TOILETRIES
SALESPERSON, CURTAIN AND DRAPERY
SALESPERSON, DRY GOODS
SALESPERSON, FASHION ACCESSORIES
SALESPERSON, FLOWERS
SALESPERSON, FLYING SQUAD
salesperson, utility staff
SALESPERSON, FOOD
SALESPERSON, FURNITURE
SALESPERSON, FURS
SALESPERSON, GENERAL
SALESPERSON, GENERAL HARDWARE
floor clerk, hardware
SALESPERSON, HEARING AIDS
hearing-aid technician
SALESPERSON, HI-FI
SALESPERSON, INFANTS' AND CHILDREN'S WEAR
SALESPERSON, JEWELRY
SALESPERSON, LAWN AND GARDEN EQUIPMENT AND SUPPLIES
SALESPERSON, MEN'S AND BOYS' CLOTHING
SALESPERSON, MEN'S FURNISHINGS
haberdasher
SALESPERSON, MILLINERY
hat fitter
salesperson, women's hats
SALESPERSON, MUSICAL INSTRUMENTS AND ACCESSORIES
SALESPERSON, ORTHOPEDIC SHOES
orthopedic-shoe fitter
SALESPERSON, PAINT
SALESPERSON, PARTS
counter clerk
counterman
parts clerk
parts counterman
parts man
SALESPERSON, PETS AND PET SUPPLIES
SALESPERSON, PHOTOGRAPHIC SUPPLIES AND EQUIPMENT
camerman
salesperson, camera
SALESPERSON, SHEET MUSIC
SALESPERSON, SHOE
shoe clerk
SALESPERSON, SILVERWARE
SALESPERSON, SPORTING GOODS
SALESPERSON, STAMPS OR COINS
SALESPERSON, SURGICAL APPLIANCES
fitter
surgical-appliance fitter
SALESPERSON, WOMEN'S GARMENTS
salesperson, ladies' wear
SALESPERSON, YARD GOODS
SEAMSTRESS, WOMEN'S GARMENT ALTERATIONS
alteration finisher
alteration hand
cloak fitter
dress hand
dressmaker, women's-alteration department
SEAMSTRESS, WOMEN'S GARMENT ALTERATIONS —Continued
dress worker
garment finisher
gown worker
seamstress
stockwork finisher
tailoress
tailor, ladies'
tailor, women's garment
women's-clothing finisher
women's-garment alterer
SECOND-HAND FURNITURE DEALER
SERVICE-SALESMAN, MILKING MACHINES
SEWING-MACHINE OPERATOR
SHOP TAILOR
finisher
tailor
SHOWCASE TRIMMER
SIDER
siding applicator
SLIPCOVER CUTTER
SLIP-COVER ESTIMATOR
SOFT-TILE SETTER
SPECTACLES ADJUSTER
SPONSOR
coach
instructor, training
STAMP CLASSIFIER
STATISTICAL CLERK, ADVERTISING
advertising clerk
STOCK CLERK, GARAGE SUPPLIES
STOCK GIRL, WOMEN'S APPAREL
STOCK SUPERVISOR
head of stock
stockroom supervisor
STORE DETECTIVE
house detective
protection operator
secret-service operator
STUBBER
SUBSCRIPTION CREW LEADER
SUPERVISOR, CONTINGENTS
TABLE GIRL
TAGGER
TAILOR APPRENTICE, ALTERATION
alterer apprentice
TAILOR APPRENTICE, CUSTOM
made-to-measure-tailor apprentice
master-tailor apprentice
TAILOR APPRENTICE, SHOP
finisher-tailor apprentice
shop-tailor apprentice
TAILOR, MEN'S READY-TO-WEAR
TAILOR, WOMEN'S-GARMENT ALTERATION
TANK-TRUCK DRIVER
TELEPHONE-ORDER DISPATCHER
TIRE ADJUSTER
TOBACCO BLENDER
TOILETRIES AND COSMETIC SALES-DEMONSTRATOR
TOY ASSEMBLER
TOY BUYER
TOY-DEPARTMENT MANAGER
TOY-ELECTRIC-TRAIN REPAIRMAN

TRAILER-TANK-TRUCK DRIVER
TRANSFER CLERK
TUBE-ROOM CASHIER
UNDERCOVER OPERATOR
undercover agent
UPHOLSTERY CUTTER
cloth cutter
cover cutter
cutter-spreader
fabric cutter
hand cutter
machine cutter
upholstery-cover-pattern maker
UPHOLSTERY SEAMSTRESS
USED-CAR RENOVATOR
used-car conditioner
USED-CAR SALESMAN
VEGETABLE MAN
VENETIAN-BLIND INSTALLER
VEST BUSHELMAN
WATCH-AND-CLOCK-REPAIR CLERK
WILL-CALL CLERK
WINDOW-SHADE ESTIMATOR
WINDOW TRIMMER
WOMEN'S-GARMENT CUTTER
WOMEN'S-GARMENT DESIGNER
couturier
couturiere
WOMEN'S-GARMENT FITTER
dress and coat fitter
ladies' ready-to-wear fitter
ladies'-wear fitter
women's-clothing fitter
women's-garment-alteration fitter
WRONG-ADDRESS CLERK
YARD LABORER, USED BUILDING MATERIAL
YARDMAN I
yardman, building materials
yardman, lumber
YARDMAN II
YARDMAN (ret. tr.; whole. tr.)
lumber handler
YARDMAN, USED BUILDING MATERIALS

roof. materials—ROOFING MATERIALS INDUSTRY: This industry embraces occupations in the manufacture of built-up and roll roofing, and roof coatings other than paint. The principal products are asphalt roll roofing, asphalt shingles, mastic, roofing cement, roofing pitch, and tarred and other saturated felts (roofing felt). The manufacture of wooden shingles is included under the SAWMILL INDUSTRY (sawmill); tile under the BRICK, TILE, AND NONCLAY REFRACTORIES INDUSTRY (brick & tile); slate under the MARBLE, GRANITE, SLATE, AND OTHER STONEWORKING INDUSTRY (stonework).

BINMAN
dust-box man
COATER, ASPHALT
back tender
COATER, SLATE
surfacing man
FELT HANGER
dry-talc racker
FOREMAN, ROOFING PLANT
HAMMER-MILL OPERATOR
INSPECTOR
KETTLEMAN
burner man
dope fireman
dope heater
furnaceman
heater man
hot man
pot man
REELER
roll winder
winder operator
ROOF-CEMENT-AND-PAINT MAKER
mixer
ROOF-CEMENT-AND-PAINT-MAKER HELPER
mixer helper
ROOFING-MACHINE OPERATOR
SATURATOR TENDER
SHINGLE-MACHINE FOREMAN
SHUFFLEDOWNER
shingle packer
SLATE MIXER
blender man
STILL OPERATOR
fireman

r. r. trans.—RAILROAD TRANSPORTATION INDUSTRY: Covered by this designation are occupations involving the operation, maintenance, and running repairs of railroads, railroad equipment and allied services, such as sleeping and dining car service, and railway express; major repairs as carried on in repair shops are not included. The industry covers steam railroads, electric railroads, diesel railroads, interurban railways, and street and suburban railways.

ADDITIONS AND BETTERMENTS CLERK
specialty clerk
ARMED GUARD
AUTOMAT-CAR ATTENDANT
BAGGAGE-AND-MAIL AGENT
BAGGAGEMAN
baggageman, train
BALLAST-CLEANING-MACHINE OPERATOR
mole-ballast-cleaner operator
pump-car operator
BALLAST-REGULATOR OPERATOR
BARMAN
BRAKEMAN, PASSENGER TRAIN
BRAKEMAN, ROAD FREIGHT
BRAKEMAN, YARD
trainman
yard coupler
BRIDGE INSPECTOR
b and b assistant inspector
BRIDGE OPERATOR I
bridgeman
bridge tender
BRIDGE OPERATOR II
bridgeman
drawbridge operator
CALLBOY
CALLER
broadcast attendant
CAR CHECKER I
CAR CLEANER
CAR-CLEANING FOREMAN
CAR CLERK, PULLMAN
pullman clerk
CAR DISTRIBUTOR
car supplier
chief clerk, yard office
CAR ICER
car ice-bunker filler
iceman, air conditioning
refrigerator-car icer
CAR ICER
machine-operator foreman
CARMAN, PULLMAN
CARPENTER, BRIDGE
bridge repairman
CAR-RETARDER OPERATOR
retarder operator
CAR RIDER
CAR SEALER
CAR SUPPLIER I
COACH CLEANER
COMMISSARY CLERK
COMMISSARY LINEMAN
CONDUCTOR
CONDUCTOR, MIXED TRAIN
CONDUCTOR, PASSENGER CAR
CONDUCTOR, PULLMAN
conductor, sleeping car
CONDUCTOR, ROAD FREIGHT
CONDUCTOR, YARD
engine foreman
head switchman
yard conductor
yard foreman
COOK, FRY
COOK, RAILROAD
chef
COOK, STEAM TABLE
COPY OPERATOR
sidetable man
CRATING-AND-MOVING ESTIMATOR
traffic representative
DEMURRAGE CLERK
car-record clerk
DEPOT MASTER
dispatcher
dispatcher, division
dispatcher, station
station master
DERRICK-CAR MAN
DINING-SERVICE INSPECTOR
service inspector
DIRECTOR, TRAIN
DISPATCHER CLERK
DISPATCHER, INDUSTRIAL LOCOMOTIVE
DISPATCHER, TRAFFIC OR SYSTEM
DIVISION ENGINEER
DIVISION OFFICER
ELECTRIC-FREIGHT-CAR OPERATOR
ELECTRIC-TRACK-SWITCH MAINTAINER
lineman, electric-switches-and-signals
ELECTROLYSIS TESTER
EMERGENCY MAN
EMPLOYEE-OPERATIONS EXAMINER
rules examiner
systems-rules examiner
ENGINE DISPATCHER
EXPRESS MESSENGER
FEDERAL INSPECTOR, RAILROAD
FIREMAN, DIESEL LOCOMOTIVE
FIREMAN, ELECTRIC LOCOMOTIVE
FIREMAN, LOCOMOTIVE
locomotive fireman
FIREMAN, YARD
locomotive operator helper
FOREMAN, BRANCH OFFICE, RAILWAY EXPRESS
FREIGHT-CAR CLEANER, DELTA SYSTEM
FREIGHT-LOADING FOREMAN
FREIGHT-RECEIVING CLERK
freight-house clerk
FREIGHT-TRAFFIC AGENT
GATE GUARD
GATEMAN, RAILWAY
gateman
GENERAL AGENT, OPERATIONS
GENERAL YARDMASTER
GREASER, JOURNAL BOX
GRINDING-MACHINE OPERATOR, PORTABLE
track-grinder operator
GROUNDMAN, STREET RAILWAY
HOSTESS, TRAIN
hostess, railway
HOSTLER, INSIDE
HOSTLER, OUTSIDE
IMPORT-EXPORT AGENT
foreign agent
INDUSTRIAL YARDMASTER
INFORMATION CLERK
travel-bureau clerk
INSTRUCTOR, BUS, TROLLEY, AND TAXI
INTERLINE CLERK
INTERLOCKING TOWERMAN
LABORER, CAR BARN
hostler
switchman
LAMPMAN
signal lampman
train lampman
LIGHTKEEPER, BRIDGE
LINEMAN, STREET RAILWAY
lineman, trolley
LOADING INSPECTOR
industrial clerk
LOCOMOTIVE ENGINEER I
motorman
road motorman
LOCOMOTIVE ENGINEER, DIESEL
LOCOMOTIVE ENGINEER, ELECTRIC
LOCOMOTIVE ENGINEER, STEAM
LOUNGE-CAR ATTENDANT
sandwich man
vendor
MAIL SORTER
freight handler
freight-router-and-sorter
MANAGER, INDUSTRIAL DEVELOPMENT
industrial and commercial agent
vice president, industrial development
MANAGER, OPERATIONS
operations manager
MANAGER, TERMINAL
MANAGER, TRANSPORTATION ORGANIZATION
MILEAGE CLERK
MONEY CLERK
MONEY CLERK, CHIEF
money-department foreman
MOTORMAN II
streetcar motorman
streetcar operator
trolley-car operator
MOTORMAN III
MULTIPLE-TAMPING-MACHINE OPERATOR
NEWS AGENT
OVER-SHORT-AND-DAMAGE CLERK
PAINTER, SIGN, MAINTENANCE
sign painter
PANTRYMAN
PASSENGER-CAR-CLEANING FOREMAN
PASSENGER-CAR INSPECTOR
PASSENGER-TRAFFIC AGENT
PATROLMAN
PERISHABLE-FREIGHT INSPECTOR
PLATFORM MAN
PORTER
porter, baggage
redcap
PORTER, PULLMAN
PULLMAN ATTENDANT
RAIL-FLAW-DETECTOR-CAR OPERATOR
RAIL-FLAW-DETECTOR OPERATOR
RAILROAD-CAR INSPECTOR
brake inspector
car checker
carman
equipment inspector
journal-box inspector
RAILROAD-CAR LETTERER
painter, railroad car
RAILWAY-EXPRESS AGENT
RAILWAY-EXPRESS CLERK
REAL-ESTATE AGENT
RECONSIGNMENT CLERK
disposition clerk
diversion clerk
REGISTER REPAIRMAN
farebox repairman
RESERVATION CLERK
REVISING CLERK
RIGHT-OF-WAY INSPECTOR
ROAD CLERK
timekeeper, extra gang
ROAD ENGINEER, FREIGHT
ROAD ENGINEER, PASSENGER
ROAD FOREMAN OF ENGINES
ROAD-FREIGHT FIREMAN
ROADMASTER
division roadmaster
trackmaster
ROADMASTER CLERK
ROAD-PASSENGER FIREMAN
SCALER
warehouse foreman
weighmaster
SCHEDULE MAKER
SHORT-REPORT CLERK
SIGNAL FOREMAN
SIGNAL MAINTAINER
electric-signal lineman
signal inspector
signal-maintenance man
signal repairman
SIGNALMAN HELPER
assistant signalman
SPECIAL AGENT
SPECIAL-TRACKWORK BLACKSMITH
SPOT-TAMPING-MACHINE OPERATOR
SPRAYER, RAILROAD CAR
STATION AGENT I
agent-telegrapher
freight and passenger agent
STATION AGENT II
ticket agent
STATION MASTER
STATION PATROLMAN
STEWARD, CLUB CAR
STEWARD, RAILROAD DINING CAR
SUBSTATION OPERATOR, DISTRIBUTION
SUPERINTENDENT, DIVISION
division superintendent
SUPERINTENDENT, MAINTENANCE OF EQUIPMENT
SUPERINTENDENT, MAINTENANCE OF WAY
SUPERINTENDENT, POWER
superintendent, electrical department
SUPERINTENDENT, STATIONS
SUPERVISOR, BRIDGES AND BUILDINGS
SUPERVISOR, LINE DEPARTMENT
line foreman
SUPERVISOR OF WAY
maintenance-of-way supervisor
SWITCHMAN I
SWITCH REPAIRMAN
SWITCH TENDER
TAMPING-MACHINE OPERATOR
TARIFF CLERK
TARIFF INSPECTOR
TELEGRAPHER
telephoner
teletype-telegrapher
TELEGRAPHER AGENT
station telegrapher
THIRD RAILMAN
trolley railman
TICKET CHOPPER
TICKET-REBATE CLERK
TOWERMAN
leverman
signal-tower operator
TRACER
TRACK-BROOM OPERATOR
TRACK OILER
TRACK REPAIRMAN
section gang worker
TRACK WALKER
TRAFFIC AGENT
TRAFFIC INSPECTOR
dispatcher, urban
transportation inspector
TRAIN ANNOUNCER
TRAIN CLERK
schedule clerk
TRAIN DISPATCHER
c.t.c. operator
dispatcher
traffic-control operator
TRANSFER-TABLE OPERATOR
TRANSPORTATION INSPECTOR
service inspector
undercover agent
TRAVELING-FREIGHT-AND-PASSENGER AGENT
TURNTABLE OPERATOR
UNDERGROUND-CONDUIT MAN
UPHOLSTERER
VOUCHER CLERK
claims clerk

r. r. trans.—continued

WAITER, DINING CAR
WAY INSPECTOR
maintenance inspector
track inspector
track supervisor
WHEEL INSPECTOR
carman
YARD CLERK
check clerk
YARD ENGINEER
locomotive engineer
yard motorman
YARDMASTER
YARDMASTER, FOOTBOARD
YARD PATROLMAN

rubber goods—RUBBER GOODS INDUSTRY: This industry includes making such rubber articles as belting, cloth, erasers, garden hose, hard-rubber goods, rubber bands, rubber boots and shoes, rubber heels and soles, rubber tire sundries and repair materials, and rubberized fabrics. The manufacture of rubber tires and tubes is included under the RUBBER TIRE AND TUBE INDUSTRY (rubber tire & tube).

ADHESION TESTER
ADHESIVE SPRAYER
AIRPLANE-GAS-TANK-LINER ASSEMBLER
ANKLE-PATCH MOLDER
ARCH-CUSHION-PRESS LOADER-AND-UNLOADER
ARCH-CUSHION-PRESS OPERATOR
ARCH-CUSHION-SKIVING-MACHINE OPERATOR
ASSEMBLER, SPONGE GASKET
ASSEMBLY PREPAREMAN
BACK-STRIP-MACHINE OPERATOR
BALLOON DIPPER
soaper
BALLOON MAKER
BALLOON TESTER
BALL-UP MAN
braider chief
braider setter
BANBURY-TAKE-OFF OPERATOR
rubber cutter
BAND CUTTER
BAND-MACHINE OPERATOR
BAND TUMBLER
BASE-PLY MAN
layer-out and roll-down man
BATCH WEIGHER
BEAD PREPARER
BEAM-PRESS OPERATOR
BED LASTER
BELT BRANDER
BELT BUILDER
BELT-BUILDER HELPER
BELT MEASURER
BELT NOTCHER
BELT-PRESS OPERATOR I
BELT-PRESS OPERATOR II
BELT-PRESS-OPERATOR HELPER
BELT SPLICER
BOARD LAYER
BOOKER
BOOTMAKER, HAND
BOOT TESTER
BORING-MACHINE OPERATOR
BOTTLE ASSEMBLER
BRAID CUTTER
BRAIDING-MACHINE TENDER
BRAND CEMENTER
BRANDING-MACHINE TENDER
machine printer, hose
BREAKOUT MAN
BRUSH MARKER
BUCKLE-STRAP-DRUM OPERATOR
BUFFER
grinder
rubber buffer
BUFFER, AUTOMATIC
BUFFING-AND-SUEDING-MACHINE OPERATOR
sueding-and-buffing-machine operator
CALENDER FEEDER
CALENDER INSPECTOR
CALENDER-LET-OFF HELPER
CALENDER-LET-OFF MAN
CALENDER OPERATOR
calender man
CALENDER OPERATOR, FABRIC
CALENDER OPERATOR, FOUR-ROLL
z-calender operator
CALENDER OPERATOR, GUM STOCK
CALENDER-OPERATOR HELPER
liner-roll changer
rubber-calender helper
wind-up man
CALENDER-TAKE-OFF MAN
CALENDER-WIND-UP MAN
calender helper
roll changer
wind-up man
CALENDER-WIND-UP-MAN HELPER
CAP-AND-STUD-MACHINE OPERATOR
CASTER
CASTER, LATEX
CASTER, SOFT PLASTIC
CATHETER BUILDER
CATHETER-BUILDER HELPER
CATHETER-FINISHER AND INSPECTOR
CEMENT APPLIER
CEMENTER
CEMENTER, HAND
CEMENTER, MACHINE
CEMENT MIXER
CHEMICAL WEIGHER
CLASSIFIER
CLIPPER
CLIPPER, COUNTERS
CLIPPER, OUTSIDE BACK STAY
CLIPPER, TONGUES
CLOTH TESTER
fabric inspector and tester
textile technician
textile tester
COAGULANT DIPPER
COMPOSITION-ROLL MAKER AND CUTTER
COMPOUNDER
COMPOUND-SIFTER OPERATOR
compound sifter
COVERING-MACHINE OPERATOR
COVERING-MACHINE-OPERATOR HELPER
CRIMPER
binder
joiner
hemmer
seamer
CUREMAN, ACID DRUM
CUREMAN, FOAM RUBBER
CURING FOREMAN
CUSHION TRIMMER
CUT-AND-COVER LINE WORKER
CUTTER, HAND
knife cutter
stock cutter
trimmer, hand
CUTTER, HOT KNIFE
CUTTING-MACHINE OPERATOR
DE-AMMONIATOR
DEBRANDER
brander
rebrander
DEFECTIVE-HOSE INSPECTOR
DE-ICER ASSEMBLER, ELECTRIC
DE-ICER ASSEMBLER, PNEUMATIC
DE-ICER-ELEMENT WINDER, HAND
heating-element builder
jig winder
DE-ICER-ELEMENT WINDER, MACHINE
lathe operator
DE-ICER FINISHER
DE-ICER INSPECTOR, ELECTRIC
electric de-icer inspector
ice-guard inspector
DE-ICER INSPECTOR, PNEUMATIC
pneumatic-de-icer inspector
DE-ICER-KIT ASSEMBLER
de-icer weighman
kit assembler
DE-ICER-KIT DUMPER
kit dumper
kit-salvage man
DE-ICER REPAIRMAN
ice-guard repairman
DE-ICER REPAIRMAN, ELECTRIC
DE-ICER REPAIRMAN, PNEUMATIC
DE-ICER TESTER
final inspector and tester
ice-guard tester
DESIGN PRINTER, BALLOON
balloon printer
DESIGN PRINTER, HAND
DESIGN PRINTER, MACHINE
DESKIDDING-MACHINE OPERATOR
DESMA LASTER
string laster
DIELECTRIC TESTER
DIPPER
DIPPER, NEOPRENE BOOT
DIPPING-MACHINE OPERATOR
DIP-UNIT OPERATOR
DOTTER
DRIER
drying-room tender
DRIER MAN
DRIER TENDER
DUAL-HOSE CEMENTER
hose cementer
hose finisher
DUSTING-AND-BRUSHING-MACHINE OPERATOR
brushing-and-dusting-machine operator
ELECTRIC-TAPE SLITTER
EXPANSION-JOINT BUILDER
EXPANSION-JOINT FINISHER
FABRICATOR, FOAM RUBBER
assembler
cementer
foam fabricator
FABRIC NORMALIZER
normalizing-equipment tender
FILL-CHUTE OPERATOR
dumper
opener
FINAL INSPECTOR
packing inspector
reinspector
FINISHER
FINISHING FOREMAN
FIRE-HOSE CURER
FITTER-PLACER
FLASH TRIMMER
FLOORLADY
FLOORLADY, ASSEMBLING
FLOORLADY, PRINTING
FLOORLADY, TESTING
FLOOR-MAT JUTER
FLOUR-STOCK MAN
FOAM DISPENSER
pour man
FOAM-RUBBER TRIMMER
trimmer
FOREMAN
FORMING-PLATE SPRAYER
FORM REPAIRMAN
FORM-STRIP ASSEMBLER
assembler
FORMULA WEIGHER
FOXING CUTTER, HOT KNIFE
FOXING-CUTTING-MACHINE OPERATOR, AUTOMATIC
FOXING PAINTER
FROTHING MAN
GARDEN-HOSE TUBER-MACHINE OPERATOR
GASKET MOLDER
GASKET NOTCHER
GLUING-MACHINE OPERATOR
GOGGLES ASSEMBLER
GRAPHITE-DISK ASSEMBLER
HAND LASTER
HAND TRIMMER
HEATER TENDER
cureman
heater man
heater steam-tender
rubber curer
vulcanizer operator
HEEL LASTER
HEEL MOLDER
HEEL TRIMMER
HEEL-WASHER-STRINGING-MACHINE OPERATOR
HOOKER-LASTER
HOSE-COUPLING JOINER
assembler-crimper
coupler
HOSE CUTTER, HAND
HOSE CUTTER, MACHINE
cutting-table operator
HOSE INFLATOR
HOSE INSPECTOR AND BUNDLER
HOSE INSPECTOR AND PATCHER
lead man, service department
HOSE LOADER
mandrel loader
HOSE MAKER
hose builder
HOSE MAKER, MACHINE
HOSE STRIPPER
HOSE TESTER
HOSE-TUBING BACKER
rubber-tubing backer
tube backer
HOSE WRAPPER
HOT-DIE PICKER
HOT-DIE-PRESS FEEDER
HOT-DIE-PRESS OPERATOR
HYDRAULIC-PUNCH-PRESS OPERATOR
ICE-BAG ASSEMBLER
INFLATION TESTER
INJECTOR
INSOLE PLACER
INSOLE PRESSER
INSPECTOR
INSPECTOR AND TESTER
INSPECTOR, CHIEF
INSPECTOR, FUEL HOSE
INSPECTOR, SAMPLE PARTS
INSPECTOR, SPONGE PRESS
KNITTING-MACHINE TENDER
LAMINATING-MACHINE OPERATOR
doubling-machine operator
LASTER
LAST PUTTER-AWAY
dead header
returner, lasts
LAST STRIPPER, HAND
stripper, lasts
LATEX DIPPER
LATEX-RIBBON-MACHINE OPERATOR
LATEX SPOOLER
spooler, rubber strand
LATEX-THREAD-MACHINE OPERATOR
LATHE OPERATOR I
LAY-UP MAN
stocklayer
LAY-UP-MAN HELPER
stocklayer's helper
LEADMAN, AUTOMATIC VULCANIZING
LEAD-PRESS OPERATOR
LEAD-PRESS-OPERATOR HELPER
lead-on man
LEAD-SLUG CASTER
slug caster
LEAD-STRIPPING-MACHINE OPERATOR
stripper operator
LINER REROLL MAN
LOOM OPERATOR
MACHINE-MADE-SHOE UNIT WORKER
MAKING-LINE WORKER
assembler, rubber footwear
MAT FINISHER
mat felter
MAT PUNCHER
die-press operator
MAT REPAIRMAN
MATTING INSPECTOR
MATTING PRESSMAN
MATTRESS INSPECTOR
checker
MATTRESS PLUGGER
MILLED-RUBBER ATTENDANT
MILLMAN
rubber-mill operator
MILLMAN, BREAK-DOWN
MILLMAN, WARM-UP
MILLMAN, WASHING
MILLROOM FOREMAN
MIXER, FOAM RUBBER
MIX-MILL MAN
mill mixer
mixing-mill operator
pigment blender
rubber mixer
MOLD CLEANER
MOLDED-GOODS INSPECTOR-TRIMMER
MOLDED-RUBBER-GOODS CUTTER
MOLDER
MOLDER, FOAM RUBBER
MOLDER, LABELS
MOLD FILLER AND DRAINER
MOLD-INSERT CHANGER
MOLD PICKER
MOLD STRIPPER
NET DUSTER
NET WASHER
NOTCH-MACHINE OPERATOR
NOZZLEMAN
NOVELTY-BALLOON ASSEMBLER AND PACKER
OAKES-MACHINE OPERATOR
OPENER I
OUTSOLE CUTTER, AUTOMATIC
OUTSOLE CUTTER, HAND
OUTSOLE-CUTTING-MACHINE OPERATOR
OUTSOLE MOLDER
OVEN LOADER
OVEN UNLOADER
PACKING-LINE WORKER
PADDED-PRODUCTS CUREMAN
mold loader
unloader
PADDED-PRODUCTS FINISHER
repairman and finisher, padded products
PADDED-PRODUCTS INSPECTOR-TRIMMER
PALLMAN-MILL OPERATOR
PICKER, BEAM PRESS OR CLICKER
PIGMENT BLENDER I
PISTON-CUP INSPECTOR
POINTING-MACHINE OPERATOR
POUR MAN I
PRESSER
PRESSMAN
forming-press operator
hydraulic-steam-press operator
molding-press operator
PROTOTYPE-DE-ICER ASSEMBLER
PULLER-LASTER
laster, machine-made shoes
REBRANDER I
REINSPECTOR, SPONGE RUBBER
REPAIRER
REPAIRER, SHOE STICKS
REROLL MAN
RING-ROLLING-MACHINE OPERATOR
RING-ROLLING-MACHINE-OPERATOR HELPER
ROLL BUILDER
ROLL CUTTER
lathe operator
ROLLER-DIE-CUTTING-MACHINE OPERATOR
ROLLER-STITCHER
ROLL GRINDER
ROTARY-CUTTER OPERATOR

RUBBER COMPOUNDER
compound weigher
rubber-ingredients weigher and measurer
RUBBER-COMPOUNDER FOREMAN
RUBBER CUTTER
RUBBER-FLAP CUTTER
RUBBER-GASKET INSPECTOR-TRIMMER
RUBBER-GOODS ASSEMBLER
RUBBER CUTTER
RUBBER-FLAP CUTTER
RUBBER-GASKET INSPECTOR-TRIMMER
RUBBER-GOODS ASSEMBLER
RUBBER-GOODS CUTTER-FINISHER
rubber-goods finisher
RUBBER-GOODS HELPER
RUBBER-GOODS INSPECTOR-TRIMMER
RUBBER-GOODS TESTER, WATER
RUBBER GRINDER
rubber-type grinder
RUBBER-HEEL-AND-SOLE PRESSMAN
RUBBER-PRINTING-MACHINE OPERATOR
leader, print rubber
RUBBER-SPLICE PREPARER
stock preparer
RUBBER-SUIT TESTER
RUBBER TESTER
RUBBER-TUBING SPLICER
splicer
RUBBER WEIGHER
RUG-UNDERLAY-MACHINE OPERATOR
SCRAP GRINDER
SECTIONAL-BELT-MOLD ASSEMBLER
V-belt mold assembler and cureman
SELF-SEALING-FUEL-TANK BUILDER
fuel-cell assembler
SELF-SEALING-FUEL-TANK REPAIRMAN
fuel cell repairman
STITCHER
SIDE LASTER
SKIN FORMER
SKIN-FORMER HELPER
SKIVER, MACHINE
SLAB-OFF MAN
SOLE TRIMMER
SORTER
SPLITTING-MACHINE OPERATOR
beadsaw operator
debeader
skiver
slitting-machine operator
trimming-machine operator
turner-splitter-machine operator
SPONGE-PRESS OPERATOR
SPREADER MAN
SPREADER-MAN HELPER
SPRUE TRIMMER
STAIR-TREAD INSPECTOR
STEAM MAN I
STEAM MAN II
STOCK-PREPARATION FOREMAN
STRAP-CUTTING-MACHINE OPERATOR
STRAP-FOLDING-MACHINE OPERATOR
STRIPPER
STRIPPER, LATEX
STRIPPER, SOFT PLASTIC
STRIPPING-MACHINE OPERATOR
SWAB MAKER
TAKE-OFF GIRL
TAPE-FOLDING-MACHINE OPERATOR
bias-binding folder
TESTING-MACHINE FEEDER
THERMAL MOLDMAN
heater tender
platen pressman
THREAD-MACHINE OPERATOR
TOE LASTER
TOGGLE-PRESS FOLDER-AND-FEEDER
TOP TRIMMER
TREAD-LIP FORMER
forming-unit operator
TRIMMER, MACHINE
TUBE-BUILDING-MACHINE OPERATOR
TUBE-AND-MANIFOLD BUILDER
TUBER-MACHINE CUTTER
extruder-operator helper
tuber-operator helper
TUBER-MACHINE-CUTTER HELPER
TUBER-MACHINE OPERATOR
extruder operator
TUBER-MACHINE-OPERATOR HELPER
TUBE TESTER, WATER
TUMBLER OPERATOR
VARNISH-MACHINE OPERATOR
V-BELT BUILDER
v-belt cutter
V-BELT COVERER
flipping-machine operator
V-BELT CUREMAN
V-BELT FINISHER
V-BELT INSPECTOR
V-BELT SKIVER
VINYL DIPPER
WADER-BOOT-TOP ASSEMBLER
boot-liner maker
suit maker
WASHER CUTTER
WATER TESTER
WEAR TESTER
WEATHERSTRIP-MACHINE OPERATOR
windlace-machine operator
WEATHERSTRIP-TAKE-OFF MAN
windlace taker-off and packer
WINK-CUTTER OPERATOR
WIRE-WINDING-MACHINE TENDER
wire winder
WRAPPER REWINDER

rubber reclaim.—RUBBER RECLAIMING INDUSTRY: This industry includes occupations concerned with reclaiming rubber stock from used tires, scrap, and miscellaneous waste rubber.

APRON-MILL TENDER
mill operator
mill reclaimer
reclaimer
BATCH TRUCKER
batch weigher and mixer
BEAD PICKER
CARCASS TRIMMER
CD-MIXER
pan devulcanizer
pan reclaim processor
CD-MIXER HELPER
pan devulcanizer helper
CD-PAN DUMPER
pan dumper
CD-PAN LOADER
COMPOUND MAN
blender and supply man
compounder
pigment man, millroom
pigment supplier
DEVULCANIZER CHARGER
weigh and charge man
DEVULCANIZER INSPECTOR
DEVULCANIZER TENDER
chargeman
devulcanizer operator
digester charger
digester man
DRIER FEEDER
washerman
DRIER OPERATOR
DRIER-OPERATOR HELPER
dry-room helper
FINAL-INSPECTION SUPERVISOR
FINAL INSPECTOR
FINE GRINDER
grinder operator
FOREMAN
devulcanizer, head
final-inspection foreman
hog-room supervisor
shipping-room supervisor
GRINDER
chopper and cracker feeder
cracker
hog operator
miliman, reclaim chopper
GRINDING-ROOM INSPECTOR
MILLMAN
rubber-mill operator
MILLROOM FOREMAN
PAN CLEANER
PIGMENT PUMPER
checker
pigment man
pigment-supply man
solvent station attendant
PRESS OPERATOR
washing-machine operator
REFINERMAN
millman, reclaim break-down
millman, reclaim finishing
millman, reclaim rough-refining
refiner operator
ROLL GRINDER
roll-contour grinder
ROLL-GRINDING INSPECTOR
millroom inspector
RUBBER-COMPOUNDER FOREMAN
SCRAP-TIRE SHEARER
SCREEN CLEANER
SLAB INSPECTOR
reclaim-slab inspector
reclaim sorter
SPLITTING-MACHINE OPERATOR
beadsaw operator
debeader
skiver
slitting-machine operator
trimming-machine operator
turner-splitter-machine operator
STRAINER TENDER
strainer-mill operator
strainer operator
TIRE DEBEADER
TUBE SORTER
tube depatcher

rubber tire & tube—RUBBER TIRE AND TUBE INDUSTRY: Included in this industry are occupations concerned with the manufacture of pneumatic tires, solid and cushion rubber tires, inner tubes, and the retreading of special-purpose tires that cannot be accommodated by tire-retreading establishments. Tire retreading by retail tire-retreading establishments and automotive equipment dealers is included in the AUTOMOTIVE SERVICES INDUSTRY (auto. ser.).

ACID SPLICER
AIR-BAG-AND-TUBE CUREMAN
AIR-BAG BUFFER
AIR-BAG BUILDER I
AIR-BAG BUILDER II
AIR-BAG CUREMAN
AIR-BAG DEWATER MAN
AIR-BAG EXTRACTOR
air-bag stripper
tire debagger
AIR-BAG RECOVERER
AIR-BAG REPAIRMAN
AIR-BAG SPLICER
AIR-BAG TESTER
BAG-O-MATIC-PRESS OPERATOR
BAND-BIAS-MACHINE OPERATOR
BAND BUILDER
cord-pocket builder
ply bander
pocket builder
tire bander
BAND WRAPPER
band folder
BATCH TRUCKER
BATCH WEIGHER
BEAD BUILDER
bead flapper
BEAD FILLER
BEAD FLIPPER
BEAD FOREMAN
BEAD-FORMING-MACHINE OPERATOR
BEAD WRAPPER
BIAS-CUTTING-MACHINE OPERATOR, VERTICAL
BIAS-MACHINE OPERATOR
bias-cutting-machine operator
ply cutter
BIAS-MACHINE-OPERATOR HELPER
BOOKER
BREAKER-BAND BUILDER
BUFFER
grinder
rubber buffer
CALENDER OPERATOR
calender man
CALENDER OPERATOR, FABRIC
CALENDER-LET-OFF HELPER
CALENDER-LET-OFF MAN
CALENDER OPERATOR, FOUR-ROLL
z-calender operator
CALENDER OPERATOR, GUM STOCK
CALENDER-OPERATOR HELPER
liner-roll changer
rubber-calender helper
wind-up man
CALENDER-WIND-UP MAN
calender helper
roll changer
wind-up man
CALENDER-WIND-UP-MAN HELPER
CEMENT MIXER
CHAFER BUILDER
CHEMICAL WEIGHER
COMPOUND-SIFTER OPERATOR
compound sifter
CURING-BELT FEEDER
CURING FOREMAN
CURING-PRESS MAINTENANCE MAN
DIP-UNIT OPERATOR
FABRIC-FLAP-HEATER TENDER
FLAP BRANDER
FOREMAN
GREEN-TIRE INSPECTOR
GREEN-TIRE REPAIRMAN
HEATER TENDER
cureman
heater man
heater steam-tender
rubber curer
vulcanizer operator
INNER-TUBE CURER
INNER-TUBE CUTTER
INNER-TUBE DEFLATOR
INNER-TUBE INSERTER
tuber
INNER-TUBE TESTER
INNER-TUBE TUBER-MACHINE OPERATOR
LINER REROLL MAN
MILLED-RUBBER ATTENDANT
MILLMAN
rubber-mill operator
MILLMAN, BREAK-DOWN
MILLMAN, WARM-UP
MILLMAN, WASHING
MILLROOM FOREMAN
MIX-MILL MAN
mill mixer
mixing-mill operator
pigment blender
rubber mixer
MOLD CLEANER
MOLD STAMPER AND REPAIRMAN
mold dresser
PAINTER, BLACKWALL TIRE
PAINTER, WHITEWALL TIRE
PASSENGER-TIRE INSPECTOR
PIGMENT BLENDER I
PNEUMATIC-TIRE CUREMAN
POT-HEATER TENDER
curer
kettle tender
pit steam-tender
vulcanizer
PRESSMAN
forming-press operator
hydraulic-steam-press operator
molding-press operator
QUALITY-CONTROL INSPECTOR
RACKER
tire rrcker
REFINERMAN
millman, reclaim break-down
millman, reclaim finishing
millman, reclaim rough-refining
refiner operator
RETREAD FOREMAN
RIM PAINTER
RIM-STRIP TUBER-MACHINE OPERATOR
RUBBER COMPOUNDER
compound weigher
rubber-ingredients weigher and measurer
RUBBER COMPOUNDER FOREMAN
RUBBER CUTTER
RUBBER-FLAP-TUBER-MACHINE OPERATOR
RUBBER-GOODS TESTER, WATER
RUBBER WEIGHER
SKIVER
SLAB-OFF MAN
SOLID-TIRE BUILDER
SOLID-TIRE CUREMAN
SOLID-TIRE FINISHER
SOLID-TIRE TUBER-MACHINE OPERATOR
SPLICER
cord splicer
ply splicer
stock roller
SPLICING-MACHINE OPERATOR
vulcanizing-machine operator
SPREADER MAN
SQUADRON MAN
flying squadman
SQUEEGEE MAN
STOCK-PREPARATION FOREMAN
TIRE-BAGGING-MACHINE TENDER
air bagger
bagging-machine operator
tire bagger
tire-forming-machine operator
tire shaper
TIRE BALANCER
tire spotter
TIRE BUFFER
TIRE BUILDER
TIRE BUILDER, AUTOMOBILE
tire maker
TIRE BUILDER, TRUCK
TIRE-BUILDING FOREMAN
TIRE CLASSIFIER
TIRE CUREMAN
TIRE DUSTER I
TIRE FINISHER
TIRE-FINISHING FOREMAN
TIRE INSPECTOR
final inspector
TIRE LAYER AND EXTRACTOR
pot-heater man
TIRE LUBRICATOR
green-tire-duster
green-tire-painter
tire duster
TIRE PROCESSOR
TIRE REPAIRER
repairer
tire-blemish repairman
tire repairman
TIRE TECHNICIAN
TIRE TRIMMER, HAND
TIRE-TRIMMING-MACHINE FEEDER
TIRE TRUCKER
TIRE WASHER

rubber tire & tube—continued

TIRE WRAPPER
TREAD APPLICATOR
TREAD CUTTER, TRUCK TIRES
TREAD-CUTTING-MACHINE OPERATOR
TREAD-MAKE-READY MAN
TREAD-SPLICE PRESSER
TREAD TRIMMER
TREAD-TUBER-MACHINE OPERATOR
TREAD WEIGHER AND BOOKER
TRUCK-TIRE CUREMAN
TRUCK-TIRE INSPECTOR
TUBE BALANCER
TUBE BRANDER
inner-tube stenciler
tube marker
tube mounter
tube-stenciler operator
TUBE BUILDER, AIRPLANE
TUBE INSPECTOR AND FINISHER
tube inspector
TUBE PACKER
TUBE-PROCESSING-EQUIPMENT TENDER
TUBE REPAIRMAN
TUBER-MACHINE CUTTER
extruder-operator helper
tuber-operator helper
TUBER-MACHINE-CUTTER HELPER
TUBER-MACHINE OPERATOR
extruder operator
TUBE-ROOM FOREMAN
TUBE SPLICER I
cementer
tube joiner
TUBE SPLICER II
TUBE TESTER, WATER
VALVE BUFFER
VALVE CEMENTER
VALVE-CORE INSERTER
core inserter
VALVE FITTER
stemmer
tube-valve inserter
valve inserter
valver
VALVE-STEM-HOLE PUNCHER
WATCHCASE-VULCANIZER TENDER
WATCHCASE-VULCANIZER-TENDER HELPER
pressman helper
WHITE-SIDEWALL-TIRE BUFFER
WIND-UP MAN, TREAD-RUBBER

salt production—SALT PRODUCTION INDUSTRY: This industry covers occupations in the manufacture of commercial salt from rock salt and from natural and artificial brines. The recovery of salt brine at wells drilled into salt deposits beneath the earth's surface or from saline lakes, the evaporation of brine to produce salt crystals, and further processing and refining the crystals are included in this industry. The extraction of rock salt from the earth is included in the COAL, METAL, AND NONMETAL MINING AND QUARRYING INDUSTRY (mining & quarrying).

BRINE MAKER
COMPRESSOR
COMPRESSOR OPERATOR
blockman
block-press operator
FOOTMAN
FOREMAN, POND
FOREMAN, PROCESSING
processing foreman
FOREMAN, REFINING
refining foreman
HARVESTER OPERATOR
MILL ATTENDANT
MILLER
MILLER, KILN-DRIED SALT
MIXER OPERATOR
MIXER OPERATOR, RAW SALT
MIXER OPERATOR, TABLETS
MIXER OPERATOR, VACUUM-PAN SALT
PONDMAN
SALT CUTTER
SIDE-SHEARING-MACHINE OPERATOR
VACUUM-PAN OPERATOR
WASHERMAN
WASHERMAN, HARVESTING STATION
WASHERMAN, PROCESSING STATION

sanitary ser.—SANITARY SERVICES: This designation covers occupations concerned with the disposal of garbage, ashes, rubbish, and sewage, including the operation and maintenance of establishments that destroy or process such wastes. Occupations in collecting and carting such wastes are included in the MOTOR VEHICLE TRANSPORTATION INDUSTRY (motor trans.).

ACTIVATED-SLUDGE ATTENDANT
ACTIVATED-SLUDGE OPERATOR
CATCH-BASIN CLEANER
GRIT-REMOVAL OPERATOR
GRIT STATION ATTENDANT
INCINERATOR FOREMAN
INCINERATOR OPERATOR
INCINERATOR-PLANT ATTENDANT
knockdown man
INCINERATOR-PLANT GENERAL FOREMAN
PUMP-AND-BLOWER ATTENDANT
PUMP-AND-BLOWER OPERATOR
SENIOR-SEWAGE-PLANT OPERATOR
SEWAGE-DISPOSAL WORKER
SEWAGE-PLANT ATTENDANT
SEWAGE-PLANT OPERATOR
disposal-plant operator
utilities operator
SLUDGE-CONTROL ATTENDANT
SLUDGE-CONTROL OPERATOR
SLUDGE-FILTRATION ATTENDANT
SLUDGE-FILTRATION OPERATOR

sawmill—SAWMILL INDUSTRY: This industry embraces occupations concerned with the operation of all types of sawmills and of such byproduct mills as cooperage-stock mills, shingle mills, and lath mills, but excluding veneer and plywood mills. The principal products of the industry are cooperage stock, laths, rough lumber, shingles, and veneer stock.

BAND-HEAD-SAW OPERATOR
BAND NAILER
BAND-RESAW OPERATOR
BLOCK SETTER
block placer
carriage rider
head-block setter
lumber setter
ratchet setter
setter
BOATMAN
BOLTER
bolt sawyer
cut-off sawyer
knee bolter
short-log-bolter operator
short-log-saw operator
BOLT LOADER
car loader
BOTTOM-SAW OPERATOR
BULL-CHAIN OPERATOR
deckman
log-deck tender
BUNDLE TIER AND LABELER
CANT SETTER
CEDAR MAN
CHAINMAN
CHIPPERMAN
CIRCULAR-GANG-SAW OPERATOR
CIRCULAR-HEAD-SAW OPERATOR
CIRCULAR-RESAW OPERATOR
CONSTRUCTION MILLWRIGHT
CUT-OFF SAWYER, LOG
butt sawyer
deckman
deck sawman
timber trimmer
CUT-OFF-SAWYER, SHINGLE MILL
DECKMAN
log deckman
log handler
log roller
rampman
DECK SCALER
DOGGER
DROP-SORTER OPERATOR
DRY CHAINMAN
EDGER MAN I
pony edger man
EDGER MAN, AUTOMATIC
edger man
EDGER TAILER
FIRE CHIEF
FLATCAR WHACKER
whacker
FOREMAN, SAWMILL
FUEL-HOUSE MAN
fuel-house tender
GANG SAWYER
GANG SAWYER, AUTOMATIC
log-gang sawyer
GREEN CHAINMAN
GREEN-CHAIN MARKER
HEADING-SAW OPERATOR
HEAD SAWYER
band-log-mill-and-carriage operator
band-sawmill operator
HEAD SAWYER, AUTOMATIC
double-cut sawyer
HYDRAULIC-BRAKER OPERATOR
LOG BUYER
log inspector
LOG-CUT-OFF SAWYER, AUTOMATIC
cut-off sawyer
LOG GRADER
log marker
LOG-HAUL OPERATOR
LOG HOOKER
LOGGING-TRACTOR OPERATOR
LOG INSPECTOR I
log culler
LOG RIDER
LOG SCALER
lumber scaler
pulpwood scaler
LOG-STACKER OPERATOR
LOG TURNER
log roller
LOG WASHER
LOG-YARD DERRICKMAN
LUMBER CHECKER
LUMBER STRAIGHTENER
lumber guider
straightener
PACKAGER, HEAD
PEELER
bark peeler
log peeler
rosser
spudder
PLUG SORTER
POLE-PEELING-MACHINE OPERATOR
pole peeler
pole shaver
POLE-PEELING-MACHINE-OPERATOR HELPER
pole-peeler helper
pole-shaver helper
PONDMAN
boom man
chute feeder
hoister
jacker feeder
log-chain feeder
poler
sinker man
sinker puller
slip feeder
swingman
PONDSAW OPERATOR
POND SCALER
POWER-BARKER OPERATOR
PRESTO-LOG OPERATOR
RING-BARKER OPERATOR
RIVER
froeman
picket maker
pole sawyer
timber splitter
ROCK SAWYER
SASH-GANG-SAW OPERATOR
SAWMILL WORKER
SCRAP SAWYER
SHAKE BACKBOARD NOTCHER
backer board
SHAKE FEEDER
SHAKE PACKER
SHAKE SAWYER
SHAKE SPLITTER
SHINGLE-BOLT CUTTER
SHINGLE PACKER
shingle weaver
SHINGLE SAYWER
SHINGLE TRIMMER
shingle-matic sawyer
SLAB PICKER
SLASHER OPERATOR
slasher
tail sawyer
wood sawyer
SORTER-LUMBER STRAIGHTENER
SORTER OPERATOR
lumber sorter, machine
SPLITTERMAN
axman
STACKER-HOIST-AND-SORTER-POCKET MAN
STACKER-STRAIGHTENER MAN
STAVE-BOLT EQUALIZER
equalizer
equalizer operator
STAVE-LOG-CUT-OFF-SAW OPERATOR
cut-off-saw operator
STAVE-LOG-RIPSAW OPERATOR
splitter
STAVE-PLANER OPERATOR
planer feeder
planer operator
STAVE-PLANER-OPERATOR HELPER
planer-operator helper
STEAM-TUNNEL FEEDER
STICKERMAN
stickman
TIE INSPECTOR
TIMBER PACKER
TIPPLE MAN
tipple tender
TRANSFER MAN
control man
jump-roll man
TRIMMER HELPER
rebut-machine-tail-down man
rebut-machine-tail off-bearer
TRIMMER LOADER
TRIMMER MAN
TRIMMER TAILER
WOOD-CREW FOREMAN
wood foreman

shaped wood. art.—WOODEN ARTICLES CARVED, TURNED, AND SHAPED, AND OTHER WOODEN GOODS INDUSTRY: This industry includes occupations concerned with the production of carved, turned, and shaped wooden articles and other wooden goods that are not classified under other designations. Typical products of the industry are baseball bats, clothespins, handles, ladders, shuttles, and wooden ware.

ASSEMBLY OPERATOR
BAT-LATHE OPERATOR
BOBBIN INSPECTOR
CLOTHESPIN-DRIER OPERATOR
CLOTHESPIN-MACHINE OPERATOR
COAT-HANGER ASSEMBLER
press feeder
COAT-HANGER-SHAPER-MACHINE OPERATOR
CURTAIN-STRETCHER ASSEMBLER
DIPPER AND DRIER
drying-machine operator
DYER
FILER AND SANDER
sander and filer
FINAL INSPECTOR, SHUTTLE
FOLDING-WOODEN-RULE MAKER
folding-rule maker
GLUE-AND-WEDGE OPERATOR
wedge-and-glue operator
GRIP ASSEMBLER
HANDLE ASSEMBLER
HANDLE-ROUNDER OPERATOR
HAT-BLOCK MAKER
hat-block bench-hand
LEVELER
OIL DIPPER
PUNCH MAN
SAW-HANDLE ASSEMBLER
SET-UP MAN, SHUTTLE FITTING
SET-UP MAN, SHUTTLE PREPARATION
SET-UP MAN, SHUTTLE VENEERING
SHOVEL-HANDLE ASSEMBLER
SHUTTLE INSPECTOR
SHUTTLE SPOTTER
SNATH FINISHER
SNATH-HANDLE ASSEMBLER
STRAPPER AND BUFFER
buffer and strapper
TIP INSERTER
TOWEL-RACK ASSEMBLER
TURNER
VACUUM-SPINDLE SANDER
WHITTLER AND EYE ASSEMBLER
eye assembler and whittler
WOODENWARE ASSEMBLER
assemblyman, woodenware

ship & boat bldg. & rep.—SHIP AND BOAT BUILDING AND REPAIRING INDUSTRY: This industry embraces occupations in the construction and repair of all types of ships, boats (except rubber boats), barges, and lighters, whether propelled by sail, motor, or manual power, or towed by other craft. This industry includes occupations in the manufacture of plastic or fiber glass pleasure craft. Occupations concerned with the manufacture of rubber boats are included under the RUBBER GOODS INDUSTRY (rubber goods).

ASSEMBLER, ALUMINUM BOATS
ASSEMBLER, DECK AND HULL
deck and hull assembler
BOAT BUFFER, PLASTIC
BOATBUILDER APPRENTICE, WOOD
BOATBUILDER FOREMAN, WOOD
carpenter foreman, wooden ship
BOATBUILDER, WOOD
BOAT OUTFITTER
assembler, plastic boat
boat garnisher
final assembler, boat
BOAT PATCHER, PLASTIC
assembly detailer
patcher, plastic boat
BOILERMAKER LOFTSMAN
boilermaker lay-out
CALKER
CANOE INSPECTOR, FINAL
CANTILEVER-CRANE OPERATOR
rig operator
CANVAS WORKER
CANVAS-WORKER APPRENTICE
sail, tent, and awning-maker apprentice
CEMENTER
deck layer
COPPERSMITH
COPPERSMITH APPRENTICE
CUTTER, ALUMINUM SHEET
DECK MOLDER
DOCKMAN
dock hand
docking man
DOCKMASTER
dock foreman
docking master
DRAFTSMAN, HULL-BALLAST CALCULATION
DRAFTSMAN, HULL-STRESS CALCULATION
DRAFTSMAN, HYDRAULIC
DRAFTSMAN, SHEET METAL
DRILLER
driller, portable
ELECTRICIAN
electrician, marine
electrician, outside
ELECTRICIAN APPRENTICE
marine-electrician apprentice
ELECTRICIAN FOREMAN
ELECTRICIAN HELPER
ELECTRICIAN, SHIP
ELECTRICIAN, SHOP
ELECTRICIAN, YARD
EXTRUSION BENDER
FENDER MAKER
HULL AND DECK REMOVER
boat puller
HULL BENDER
HULL INSPECTOR
HULL MOLDER
HULL RIVETER
JOINER
boat joiner
JOINER APPRENTICE
JOINER FOREMAN
LABORER, SHIPYARD
LOFTSMAN
mold loftsman
LOFTSMAN APPRENTICE
LOFTSMAN, HEAD
MACHINERY ERECTOR
MACHINIST APPRENTICE, MARINE ENGINE
marine-engine-installation-and-repairman apprentice
MACHINIST APPRENTICE, OUTSIDE
marine-machinist apprentice
outside-installation-man apprentice
MACHINIST FOREMAN, OUTSIDE
MACHINIST HELPER, OUTSIDE
machinist helper, marine
MACHINIST, MARINE ENGINE
marine engine mechanic
MACHINIST, OUTSIDE
engineer, steam
machinist, installation
machinist, marine
marine erector
marine machinist
outfitter
outside-installation man
MANAGER, MARINE SERVICE
MARINE ENGINEER
MOLD LAMINATOR
plug and mold finisher
MOLDMAN
fiber-glass lay-up man
laminator
lay-up man
MOLD PREPARER
mold finisher
OUTBOARD-MOTOR MECHANIC
OVERLAY PLASTICIAN
boat bottomer
PAINTER APPRENTICE, SHIPYARD
PAINTER FOREMAN, SHIPYARD
PAINTER HELPER, BOAT
PAINTER, SHIPYARD
PIPE COVERER AND INSULATOR
PIPE FITTER
pipe fitter, marine
PIPE-FITTER FOREMAN
PIPE-FITTER HELPER
PLASTIC OUTFITTER
PLUG BUILDER
PNEUMATIC-TOOL OPERATOR
PORT ENGINEER
PREFORM MAN
PROPELLER INSPECTOR
RIB INSTALLER
RIGGER
loft rigger
outside rigger
erector
RIGGER APPRENTICE
erector apprentice
RIGGER FOREMAN
RIGGER HELPER
RIGGING-LOFT REPAIRMAN
SCAFFOLD BUILDER
SHIPFITTER
fitter
SHIPFITTER APPRENTICE
SHIPFITTER FOREMAN
steel-construction foreman
steel-installation foreman
SHIPFITTER HELPER
SHIPWRIGHT
carpenter, ship
woodworker
SHIPWRIGHT APPRENTICE
carpenter apprentice, ship
SHIPWRIGHT HELPER
carpenter helper
woodworker helper
STRAPPER
TEMPLATE MAKER, SHIPBUILDING
TOWER-WHIRLER OPERATOR
gantry-crane operator
portal-crane operator
shipways-crane operator
tower-crane operator
tower-gantry-crane operator
TOWER-WHIRLER OPERATOR—Continued
whirley operator
TRIM INSTALLER
VENEER STAPLER
boat wrapper
WAYS OPERATOR
WEIGHT CALCULATOR
WINDOW INSTALLER
WINDSHIELD INSTALLER
WOOD AND HARDWARE OUTFITTER
WOOD CALKER
YARD INSPECTOR
YARDMAN
ZOLATONE SPRAYER

signs—SIGNS AND ADVERTISING NOVELTIES INDUSTRY: This industry embraces occupations concerned with the production of neon and electric signs; store, highway, and other signs made in the shop, exclusive of lithographed and printed signs; and various types of advertising novelties.

CLEANER, SIGNS
COATING-MACHINE OPERATOR, METAL TAGS AND SIGNS
DIORAMA MODEL-MAKER
carpenter, display
DISPLAY ASSEMBLER
experimental display builder
model maker
short-order man
ELECTRIC-SIGN ASSEMBLER
GLASS BENDER
glass blower
glass-tube bender
LAY-OUT MAN I
patternmaker
LAY-OUT MAN II
NEON-SIGN SERVICEMAN
signman
NIGHT-PATROL INSPECTOR
PUMPMAN
neon-tube pumper
pumper
SALESMAN, SIGNS AND DISPLAYS
SIGN DESIGNER
sketch artist
SIGN ERECTOR I
sign hanger
SIGN ERECTOR II
billboard erector
STAGE HAND
VACUUM-APPLICATOR OPERATOR

silverware—SILVERWARE AND PLATED WARE INDUSTRY: Covered by this industry are jobs concerned with the manufacture of such commodities as hollowware, flatware, including knives, forks, and spoons, and ornaments (except jewelry), toilet articles, and vases, either plated or of sterling silver, nickel silver, or pewter; and metal plated with silver, gold, or other metal.

BENCH WORKER, HOLLOW HANDLE
BUFFING-MACHINE OPERATOR, SILVERWARE
CHASER
ECCLESIASTICAL-ART-METAL WORKER
FINISHER
FOREMAN
GREASE BUFFER
HAMMERSMITH
flat hammerer
HOLLOW-HANDLE-KNIFE ASSEMBLER
JEWELRY AND FLATWARE DESIGNER
designer
flatware and jewelry designer
KNIFE GLAZER
MIRROR-FINISHING-MACHINE OPERATOR
buffing-machine operator, semiautomatic
clair-finishing-machine operator
polishing-machine operator, semiautomatic
MODEL MAKER
OXIDIZER
POLISHER, SAND
PROFILE-SAW OPERATOR
PROFILE TRIMMER
profile solder trimmer
SILVERSMITH
SILVERWARE ASSEMBLER
TRIMMER

slaught. & meat pack.—SLAUGHTERING AND MEAT PACKING INDUSTRY: This industry covers occupations concerned with the processes of establishments that are engaged in slaughtering cattle, hogs, sheep, and other animals; preparing and packing meat products, including lard; dressing and packing poultry, rabbits, and other small game; and drying and freezing eggs. The production of oleomargarine is included in the ANIMAL AND VEGETABLE OILS AND FATS (N.E.C.) INDUSTRY (oils & fats); tallow and certain lubricants, in the GREASE AND TALLOW INDUSTRY (grease & tallow); soap, in the SOAP AND GLYCERIN INDUSTRY (soap); and glue, in the GLUE AND GELATIN INDUSTRY (glue).

AITCHBONE BREAKER
ANIMAL EVISCERATOR
gutter
BACKER
BAGGER, MEAT
BEEF BONER
BEEF GRADER
BEEF-PLUCK TRIMMER
BEEF RIBBER
BELLY OPENER
BELLY PACKER
BELLY TRIMMER
BLADDER TRIMMER
BLADE BONER
BLEACHER, LARD
lard maker
BOLOGNA LACER
BONER, MEAT
ribber
BONE SAWYER
BOX-TRUCK WASHER
truck washer
BRAIN PICKER
BREAST SAWYER
BRUISE TRIMMER
BUCKET DUMPER
BUCKET FILLER
BULK-SAUSAGE-CASING TIER-OFF
BULK-SAUSAGE-STUFFING-MACHINE OPERATOR
BUNG DROPPER
BUNG GRADER
BUNG-GUT TIER
BUTCHER, ALL-ROUND
BUTCHER APPRENTICE
slaughter-and-butcher apprentice
BUTT PRESSER
BUTT TRIMMER
BUYER, CATTLE
BUYER, HOG
BUYER, LIVESTOCK
BUYER, SHEEP
CALF SKINNER
CALFSKIN TRIMMER
CALF STICKER
CANADIAN-BACON TIER
CARCASS SPLITTER
CAR ICER
car ice-bunker filler
iceman, air conditioning
refrigerator-car icer
CASING CLEANER
CASING GRADER
casing inspector
casing sorter
casing tester
CASING-MACHINE OPERATOR
CASING PACKER
CASING PULLER
CASING-RUNNING-MACHINE OPERATOR
casing runner
shirring operator
CASING SALTER
CASING SEWER
bung sewer
CASING SOAKER
CASING SPLITTER
CASING TIER
stuffed-casing tier
CATTLE DROPPER AND PRITCHER
CATTLE HEADER
CATTLE STICKER
CAUL-FAT PULLER
CHICKEN BONER
CHICKEN CLEANER
CHICKEN CUTTER
CHICKEN DRESSER
CHISELER, HEAD
CHOPPING-MACHINE OPERATOR
CHUCK BONER
COMBER
bacon comber
skinned-bacon comber
washed-bacon comber
washroom comber
CONVEYOR LOADER I
CONVEYOR LOADER II
COOK
COOK-BOX FILLER
COOK, DOG-AND-CAT FOOD
kettleman
COOKER AND PRESSER
COOKER MAN
COOLER-CONVEYOR LOADER
COOLER MAN
COW TRIMMER
CRACKLING-PRESS OPERATOR
DEHAIRING-MACHINE TENDER
DROPPER, DEHAIRING MACHINE
DRY-CURE MAN
salter
DUMPER-AND-FILLER
EGG-BREAKING-MACHINE OPERATOR
EXPANSION MAN
temperature inspector
temperature man
FATBACK TRIMMER
FEED-IN MAN, DEHAIRING MACHINE
FINAL-DRESSING INSPECTOR
FINAL-RAIL INSPECTOR
FOOT CUTTER
FOREMAN, ABATTOIR
abattoir foreman
FOREMAN, BEEF BONING
FOREMAN, CURED-MEAT PACKING
FOREMAN, CURED MEATS
FOREMAN, TANK HOUSE
tank-house foreman
FRANKFURTER INSPECTOR
GAMBRELER
hanger-off
GAMBRELER HELPER
hang-off man
GIZZARD-SKIN REMOVER
GLAND MAN
GRADER, DRESSED POULTRY
poultry grader
GRADER, GREEN MEAT
fresh-meat grader
pickling grader
GRADER, MEAT
GRADER, SAUSAGE AND WIENER
GUT PULLER
GUT SORTER
HAM BONER
HAM-HOCK MOPPER
HAM MOLDER
HAM-ROLLING-MACHINE OPERATOR
HAM SAWYER
HAND MOLDER, MEAT
HANGER, MEAT
HASHER OPERATOR
mincing-machine operator
HEAD TRIMMER
benchman, head
head boner
templer, head
trimmer, head
HIDE HANDLER
HIDE INSPECTOR
green-hide inspector
hide examiner
hide grader
pelt inspector
HIDE PULLER
HIDE SALTER
HIDE SHAKER
HIDE SPREADER
HIDE TRIMMER
HOG GRADER
HOG-HEAD SINGER
HOG RIBBER
HOG SAWYER
HOG STICKER
JAWBONE BREAKER

slaught. & meat pack.—continued

Jowl Trimmer
Laborer
Lard Refiner
Lard-Tub Washer
Leaf-Fat Scraper
Leak Patcher
Leg Skinner
Lime-Vat Tender
Linker
roper
sausage linker
Linking-Machine Operator
Livestock Penner
Loin Boner
Loin Trimmer
Lung Splitter
Meat Grinder
grinding-machine operator
Molder, Meat
Neck Skewer
neck pinner
Offal Man
Offal Man, Poultry
Oil Expeller Man
Order Runner
Packager, Meat
Packer, Dried Beef
Packer, Sausage and Wiener
Painter, Depilatory
Pickle Maker
Pickler
curing packer
green-meat packer
vat overhauler
vat packer
Pickler Helper
Pickling-Drum Operator
Pigskin Trimmer
Plate Boner
Poultry Boner
Poultry Dresser
tipper
Poultry-Dressing Worker
Poultry Eviscerator
Poultry Hanger
Poultry Killer
sticker
Poultry Picker
Poultry Scalder
Press Operator
Press Operator, Meat
Pull-Through Hookman
Pumper
injection-machine operator
pickle pumper
pickle-water-pump operator
pumpman
vein pumper
Pumper, Hand
Pumper Helper
passer-to-pumper
Rabbit Dresser
Render Man
Resin Man
Retaining-Room Cutter
Retrimmer II
trimmer
Rib Boner
Ripper, Meat
Rolled-Ham Lacer
Roller-Room Man
cooling-roll operator
lard-roller man
roll-machine operator
rollman
Round Boner
Rump Sawyer
Salt-Bellies Overhauler
Sausage Maker
Sausage-Meat Trimmer
beef trimmer
green-meat assembly man
lard trimmer
piece-meat trimmer
piece trimmer
retrimmer
Sausage Mixer
Scalder
Scaler, Sliced Bacon
Scraper, Meat
Seasoning Mixer
spice mixer
Shackler
hanger
Shactor
kosber cutter and searcber
shochet
sbobet
Shactor Helper
Shank Boner
Shaver
Sheep Boner
Sheep or Calf Grader
Sheepskin Pickler
drencb man
slat pickler
Sheep Sticker
Shoulder Boner
Shoulder Puncher
Shoulder Sawyer
Shrouder
bagger
Side Splitter
Singer
Skin Grader
skin bundler
Skin Lifter, Bacon
Skinner
Skinning-Machine Feeder
Skin-Peeling-Machine Operator
Skull Grinder
head-bone grinder
turbinated-bone grinder
Slicing-Machine Operator
Slunk-Skin Curer
Slunk Skinner
Small-Stock Facer
Smoked Meat Preparer
Smoke-Meat Processing Clerk
Smoker
meat smoker
smokehouse attendant
smokehouse man
Snout Puller
Soaker, Hides
hide wasber
Soaker, Meat
Spareribs Trimmer
Splitter, Head
Steak-Tenderizer, Machine
Steamer
blower
steam bleacher
steam scalder
Sticker, Animal
animal sticker
Stockinet Man, Meat
Stuffer
sausage stuffer
Stunner, Animal
knocker
Supervisor, Specialty Food Products
Tallow Pumper
Tankage-Grinder Operator
Tank Charger
Temple-Meat Cutter
Tier
roast tier
Tier, Meat
Toe Puller
Tongue Cutter
Tree Loader, Meat
Trimmer, Meat
meat trimmer
Tripe Cooker
Trolley Cleaner
Turkey Boner
Turkey Cleaner
Turkey Dresser
Turkey-Roll Maker
Viscera Washer
Votator-Machine Operator
Washer, Carcass
Washer, Meat
Weasand Rodder
Wool-and-Pelt Grader
slat grader
Wool-Drier Man
Wool Puller
Wool-Wringer Man
extractor

smoking pipe—Smoking Pipe Industry: This industry includes occupations in the manufacture of tobacco pipes from briar, meerschaum, composition, corncobs, and clay, with mouthpieces of amber, rubber, celluloid, ivory, and other materials.

Air-Hole Driller
Assembler, Corncob Pipes
bit setter
borer, stem
ferruler
reamer
stem assembler
stem setter
Beading Sawyer
Bit Bender
Bit Sander
Bit Shaver
head facer
Bit-Top-Off Man
Bit Tripoler
Bottom Sander
Bowl Sander
nash sander
Bowl-Top-Off Man
Bowl Turner
hand turner
Briar Cutter
Buffer
polisber
tripoler
Cleaner
wiper
Cob Borer
Cob Sawyer
Digger
End Frazer
stem frazer
Filler
Fine Patcher
Fine Sander
Flusher
Foreman, Bit and Shank Department
Foreman, Briar Shop
Foreman, Dyeing and Finishing Department
Foreman, Patching Department
Foreman, Sanding Department
Frazer
Lacquer Polisher
Mounter, Smoking Pipe
Patch Driller
Patcher
inspector
repairer
Pipe-Smoker-Machine Operator
Putty-Knock-Off Man
Rough Patcher
Rough Sander
Sander
band sander
topper
Selector
stummel selector
Shank Sander
Shank Threader
Shellac-Polish Man
Smoking-Pipe Driller and Threader
viking man
Smoking-Pipe Liner
Smoking-Pipe Maker
Stainer
Stemhole Borer
Tapper, Bit
Tapper, Shank
Turner
turning-machine operator
Varnisher

soap—Soap and Glycerin Industry: This industry embraces occupations in the manufacture of soap, soap-base products, and glycerin. The principal soap products are bar, liquid, powdered, and paste soaps, soap cbips, and soaps blended with perfume, cold cream, lanolin, and other cosmetic ingredients for use as toilet products. The manufacture of such toilet articles as shaving cream, lotions, and toothpaste, is included in the Druggists' and Toilet Preparations and Medicines Industry (drug. prep. & rel. prod.). The production of synthetic detergents, bleach, household lye, water softeners, and related products is covered by the Chemical Industry (chem.). The manufacture of cleaning and polishing agents, such as scouring powders and floor wax, is included in the Cleaning and Polishing Preparations Industry (clean. & polish. prod.).

Alkali Worker
soda boiler and pumper
Batch Mixer
blender
Bleacher Operator
c.p. bleacher operator
Boiler
Centrifuge Operator
salt operator
Compounder
perfume compounder
Copra Grinder
Crutcher
crutcher-machine attendant
crutching-machine operator
Crutcher Helper
Drying-Room Attendant
drier tender
Fat-Purification Worker
acidulator
Fats and Oils Loader
Foreman, Toilet-and-Laundry Soap
Frame Stripper
Glycerin Operator
Kettle Worker
Lye Treater
Neutralizer
Plodderman
Presser
cutter and pressman
soap-press feeder
Recovery Man
Ducon operator
Refining-Machine Operator
Screener-Perfumer
Sharples-Machine Operator
Slabber
cutter, first
cutting-table operator, first
slabbing-machine operator
soap slabber
Slabber, Light
Soap Chipper
Soap-Drier Operator
drier-machine hand
flake drier
roll-machine attendant
Soap Grinder
frame stripper and crusher
Soap Maker
soap boiler
Towerman
Wax-Spraying-Machine-Operator

sports equip.—Sporting and Athletic Goods Industry: This industry embraces occupations in the manufacture of sporting and athletic goods, such as equipment for fishing and hunting, and athletic games, such as baseball, football, basketball, bowling, golf, tennis, and skating; the industry also includes gymnasium, playground, and shooting gallery equipment. The production of sport clothing is included in the Garment Industry (garment); footwear in the Boot and Shoe Industry (boot & shoe); guns in the Firearms and Guns Industry (firearms); ammunition in the Ammunition and Related Products Industry (ammunition).

Assembler, Liquid Center
Bait Painter
Ball Assembler
Ball-Truing-Machine Operator
Baseball Inspector and Repairer
Baseball Sewer, Hand
hand stitcber
Baseball Winder
Base Filler
base stuffer
Base-Filler Operator
Basing-Machine Operator
Basketball Assembler
Bender
Billiard-Table Repairman
billiard mechanic
Bottom Stitcher
Bow-Limb Aliner
buffer-nock cutter
Bowling-Ball Buffer
Bowling-Ball Engraver
ball engraver
Bowling-Ball Finisher
plastic ball buffer
rubber ball finisher
Bowling-Ball Grader and Marker
grade and center marker
Bowling-Ball-Mold Assembler
Bowling-Ball Molder
Bowling-Ball Weigher and Packer
weigher and packer
Bow Maker, Hand
Bow-Press Operator
laminator and bowsbaper
Bow Repairman, Custom
Bow Repairman, Production
Bow Sander, Finish
finish sander
Bow-String Maker
Bow Tiller and Buffer
Bow Weigher
weigher inspector
Carcass Assembler
Casting-Plug Assembler
Celluloid Trimmer
Cementer
Cork Grinder
grinder operator
Crester
Cushion Joiner
Cut-Off Girl
Designer, Fishing Lure
Door Closer
Driller and Plugger
Feather Sawyer
cutter
Feather Stitcher
stitcher, hand
Finisher
Fishing Accessories Maker
Fishing-Lure Assembler
Fishing-Reel Assembler
reel assembler
Fishing-Rod Assembler
final-fishing-rod assembler
fishing-rod trimmer
Fishing-Rod Marker
Fish-Stringer Assembler
Fixing-Machine Operator
shuttlecock assembler
Fletcher
Fly Tier
artificial-fly tier
bait tier
fly winder
Golf-Ball-Cover Treater
cover treater
Golf-Ball Molder
Golf-Ball Trimmer
Golf-Ball Winder
Golf-Club Facer
facer
Golf-Club Head Former
club former
Golf-Club Weigher
golf-club matcher
Golf-Club Weighter
weighter

GRIP WRAPPER
gripper
handle trimmer
GUIDE-BASE WINDER, MACHINE
guide winder
GUIDE WINDER I
HAND FINISHER, BOWLING BALLS
hand finisher
HAY SORTER
INSPECTOR
process inspector
INSPECTOR AND ADJUSTER, GOLF CLUB HEAD
loft and lie inspector and adjuster
INSPECTOR, GOLF BALL
LABORER
LACER
hand lacer
LEADER TIER
leader assembler
LEATHER COVERER
LINING INSERTER
baseball-glove stuffer
inserter
lining stuffer
MACHINE SNELLER
MIDDLE STITCHER
MOLD CLEANER
MOLDER, INFLATED BALL
press operator, carcass
MOLDER, WAX BALL
press operator, wax ball
MOLDING-MACHINE OPERATOR
MOLDMAN
pouring room man
MOLD STRIPPER
breaker
NOCK APPLIER
PAINTER, CORK
PATCHER, BOWLING BALL
PELOTA MAKER
PINSETTER ADJUSTER, AUTOMATIC
inspector-adjuster, pinsetter
POINTER
RACKER
RACKET STRINGER
RACQUET BUTTER
REVERSER
turner
ROLLER-SKATE ASSEMBLER
RUBBER ATTACHER
RUBBER-THREAD SPOOLER
thread spooler
SHADOWGRAPH-WEIGHT OPERATOR
broadhead weigher
SHAPER, BASEBALL GLOVE
steamer and shaper
SKI MAKER, MACHINE
SNELLER, HAND
snelled-hook tier
SOCCER BALL ASSEMBLER
SOFTBALL CORE MOLDER
molder
SOFTBALL WINDER
STUFFING-MACHINE OPERATOR
SURFBOARD MAKER
TARGET-FACE MAKER
TARGET TRIMMER
TENNIS-BALL-COVER CEMENTER
felt cementer
TENNIS-BALL COVERER, HAND
felt coverer
felter, tennis balls
TENNIS-RACKET WINDER
TESTER, REGULATOR
TOP STITCHER
TRIMMING-MACHINE OPERATOR
trimmer, machine
VOLLEYBALL ASSEMBLER
WAX-BALL KNOCKOUT MAN
WEIGHER
balancer
weight tester
WINDER
solid center winder
winder, gammeter

spring—METAL SPRING INDUSTRY: This designation includes occupations concerned with the manufacture of metal springs, including leafsprings, hot-wound springs, torsion bars, coiled springs wound cold from wire or flat metal, and flat springs and wire forms which are subsequently heat-treated to produce such products as spring washers, snap rings, and spring-action clamps. The manufacture of precision springs from ferrous and nonferrous metals is also included here.

AUTOMATIC - COIL - WINDING-MACHINE OPERATOR
BENCH WORKER
BOLT-UP MAN
BUSHING-AND-BROACH OPERATOR
CATCHER
CLIP - BOLTER - AND WRAPPER
clip wrapper
CLIP RIVETER
COLORING OPERATOR
DOUBLE - END - PRODUCTION GRINDER
FLEXIBLE-SHAFT WINDER
FOREMAN, FORMING-AND-TEMPERING
FOREMAN, HOT-WOUND SPRING PRODUCTION
foreman, coil springs
FOREMAN, LEAF-SPRING FABRICATION
FOREMAN, LEAF-SPRING PRODUCTION
FOREMAN, LEAF-SPRING REPAIR
GREASER
HAIRSPRING WINDER
LATHE WINDER
coiler
LOAD TESTER
MATERIAL - CONTROL - CLERK
PATTERNMAKER
PINNER
ROLLER-MACHINE OPERATOR
roller operator
SPIRAL SPRING WINDER
recoil spring winder
SPRING-ASSEMBLY MAN
SPRING COILER
coil-machine operator
SPRING COILER, HAND
SPRING-COILING-MACHINE SET-UP MAN
coiler set-up man
SPRING FITTER
SPRING FORMER, HAND
fitter, hand
SPRING FORMER, MACHINE
spring bender
spring maker
submarine operator
SPRING INSPECTOR I
SPRING INSPECTOR II
inspector-and-unloader
SPRING LOOPER, HAND
helical-looper operator, hand
spring finisher, hand
SPRING MAKER I
SPRING SALVAGE MAN
SPRING TESTER I
SPRING TESTER II
STRIP ROLLER
finish roller
gage roller
TRUER
WRAPPER OPERATOR

stat. & art goods—STATUARY AND ART GOODS (EXCEPT CONCRETE) INDUSTRY: This industry embraces occupations in the manufacture of ornamental plaster work, plaster casts, ecclesiastical statuary, architectural sculpture, and other art goods. Concrete art goods are classified in the CONCRETE PRODUCTS INDUSTRY (conc. prod.).

CASTER II
FINISHER
FOREMAN
LACER
MOLD MAKER
molder
MOSAIC WORKER
PLAQUE MAKER
PLASTER MAKER
caster
SCAGLIOLA MECHANIC
imitation-marble mechanic
STICKER-ON

stonework—MARBLE, GRANITE, SLATE, AND OTHER STONEWORKING INDUSTRY: This industry includes occupations in cutting, finishing, and shaping granite, limestone, marble, sandstone, slate, and other stones for building, monumental, ornamental, and miscellaneous purposes. Processing grindstones, pulpstones, hones, and whetstones for abrasive uses is included under the EMERY WHEEL AND OTHER ABRASIVE AND POLISHING PRODUCTS INDUSTRY (abrasive & polish. prod.); quarrying stone is included under the COAL, METAL, AND NONMETAL MINING AND QUARRYING INDUSTRY (mining & quarrying).

BED RUBBER
rubbing-bed operator
BED SETTER
filler
lumper
roller loader
scabbler
setter
stone banker
BEVELER
BOXER
box maker
crater
marble cleaner
packer
BUILDING STONECUTTER
CIRCULAR SAWYER, STONE
carbo-saw operator
coping-saw operator
cut-off-saw operator
joint sawyer
rotary-saw operator
sawyer, circular saw
shaver
CONTOUR GRINDER
CONTOUR-WIRE SAWYER
COPER, HAND
cutter
marble coper
COPING-AND-SAWING FOREMAN
CURBING STONECUTTER
DIAMOND-SAW OPERATOR
DRILL OPERATOR, PNEUMATIC
FOREMAN
GANG SAWYER, STONE
gang-saw operator
mill sawyer
power-saw operator
stone-saw operator
stone sawyer
GRANITE CARVER
GRANITE CUTTER
GRANITE POLISHER, HAND
GRANITE POLISHER, MACHINE
GRITTER
MARBLE CARVER
MARBLE CUTTER
MARBLE-CUTTER OPERATOR
MARBLE POLISHER, HAND
MARBLE POLISHER, MACHINE
MEMORIAL DESIGNER
MONUMENT CARVER
MONUMENT STONECUTTER
MULTIPLE-WIRE SAWYER
PATTERNMAKER
PAVING-BLOCK CUTTER
PLANER, STONE
planing-machine operator
QUARRYMAN
hammerman
ledgeman
plug-and-feather driller
rockman
rock splitter
RADIAL-DRILL OPERATOR
RIPSAWYER, STONE
drag sawyer
stone sawyer
ROCK SPLITTER
block maker
driller
rubbleman
SANDBLASTER, STONE
blastman
rubber cutter and shape carver
sandblast operator
SANDSTONE SPLITTER
SAW SETTER
saw maker
SAWYER
SLAB GRINDER
SLATE CUTTER
SLATE-CUTTER OPERATOR
SLATE SPLITTER
SPLITTER OPERATOR
jackhammer-splitter operator
stone splitter
SPLITTING-MACHINE OPERATOR
guillotine cutter
STENCIL CUTTER
blaster
rubber cutter
shape carver
STONE CARVER
cutter, hand
STONE CARVER—Con.
decorator
hand carver
sculptor
stonecarver, hand
stonecutter, carving, cutting, lettering, and engraving
stonecutter, hand
STONE-CARVER APPRENTICE
stonecutter apprentice
STONECUTTER, HAND
chisel worker
curb cutter
cutter, hand
stone dresser
stone finisher
stoneworker
STONECUTTER, MACHINE
surfacer operator
surfacing-machine operator
STONE DRILLER
driller
STONE GRADER
checker
inspector
STONE-LATHE OPERATOR
lathe operator
turner
STONE-LATHE POLISHER
STONE MECHANIC
stone finisher
STONE MOLDER
molder
molding-machine operator
STONE POLISHER, HAND
buffer
polisher, hand
stone finisher
stone rubber
STONE POLISHER, MACHINE
buffer
finisher
polishing - machine operator
stone finisher
STONE REPAIRER
sticker
STONE TRIMMER
slate trimmer
STRIP POLISHER
SURFACE-PLATE FINISHER
TRACER
decorator
WIRE SAWYER
finishing wire sawyer
single-wire-saw operator
wire-saw operator

struct. & ornam. metalwork—STRUCTURAL AND ORNAMENTAL METALWORK: This industry includes occupations concerned with fabricating structural and ornamental metalwork. The primary products are structural steel for buildings and bridges; solid-metal, hollow-metal, and metal-covered doors, window sash, window and door frames, store fronts, and molding and trim; storm and screen doors and windows, and weather strip; and structural and ornamental metal for balconies, bank fixtures, elevator enclosures, fire escapes, gratings, portable buildings, and stairs and staircases. Occupations concerned with the manufacture of wire screening used in this industry are included in the WIREWORK INDUSTRY (wirework).

ASSEMBLER, PRODUCTION LINE I
ASSEMBLER, PRODUCTION LINE II
ASSEMBLER, UNIT
CHANNEL INSTALLER
DOOR-LOCK INSTALLER
FABRICATOR, SHOWER DOORS AND PANELS
FIREPROOF-DOOR ASSEMBLER
FOREMAN, ASSEMBLY DEPARTMENT
FRAME ASSEMBLER
HARDWARE INSTALLER
INSPECTOR AND TESTER
KICK-PLATE INSTALLER
MEASUREMAN
METAL-DOOR ASSEMBLER
METAL SCREEN, STORM DOOR, AND WINDOW BUILDER
METAL-WINDOW-SCREEN ASSEMBLER
ORNAMENTAL-METALWORK DESIGNER
art-metal designer
ORNAMENTAL-METAL WORKER
wrought-iron worker
ROLL COATER
RUBBER
burnisher
finisher
SCREEN - FRAME ENAMELER
SCREEN INSTALLER
SCROLL-MACHINE OPERATOR
SHOP FOREMAN
SPLINER
TWISTING-MACHINE OPERATOR

sugar—SUGAR INDUSTRY: This industry includes occupations in manufacturing and refining sugar and molasses from sugarbeets and sugarcane. The principal products include granulated sugar, powdered sugar, sugar cubes and tablets, brown sugar, bakers sugar, molasses, and liquid sugar. Principal byproducts include monosodium glutamate, beet pulp for cattle feed, and soil conditioners. Occupations concerned with the production of lime used in the manufacture of sugar are included in the LIME INDUSTRY (lime).

ANALYST, CANE SUGAR
BATTERY OPERATOR
BATTERY-OPERATOR HELPER
BENCHMAN
BENCHMAN, BEET SUGAR
BLOW-UP MAN
blow-up operator
BULK-PLANT OPERATOR
BULK-PRODUCTS MAN
CARBONATION-FILTER OPERATOR
CARBONATION MAN
CARBON REVIVIFIER
CELL DUMPER
CELLARMAN
CELL FILLER
CELL WASHER
CENTRIFUGAL OPERATOR

sugar—continued

CENTRIFUGAL-STATION OPERATOR, AUTOMATIC
CHAR BELTMAN
CHAR-DUST MAN
CHAR-FILTER OPERATOR
CHAR-FILTER-OPERATOR HELPER
CHAR PULLER
CHECK WEIGHER
CLARIFIER OPERATOR
CONTROL-ROOM MAN
sugar controller
COOLER MAN
CRYSTALLIZER OPERATOR
CUBELET-CENTRIFUGAL OPERATOR
CUBELET-STATION OPERATOR
DIFFUSER OPERATOR
EVAPORATOR OPERATOR
evaporator man
multiple-elect evaporator operator
vacuum-pan operator
FIELD MAN, SUGAR BEET
FIREMAN, KILN
FLUMER I
beet flumer
FLUMER II
beet flumer
FONDANT-MACHINE OPERATOR
FOREMAN, BEET END
beet-end foreman
FOREMAN, CHAR HOUSE
char-house foreman
FOREMAN, FILTRATION
filtration foreman
FOREMAN, MELT HOUSE
melt-house foreman
FOREMAN, PACKING
FOREMAN, POWDERED SUGAR
powdered-sugar foreman
FOREMAN, PULP HOUSE
pulp-house foreman
FOREMAN, REFINING
refining foreman
sugar-end foreman
FOREMAN, REMELT
FOREMAN, SOFT SUGAR
soft-sugar foreman
FOREMAN, STEFFEN HOUSE
FOREMAN, WHITE SUGAR
centrifugal foreman
white-sugar foreman
GRAB OPERATOR
GRANULATOR MAN
granulator operator
sugar drier
HIGH-RAW-SUGAR BOILER
HOPPER ATTENDANT
KIESELGUHR-FILTER OPERATOR
KIESELGUHR-REGENERATOR OPERATOR
KNIFE FILER
knife router
KNIFE SETTER
KNIFE-SETTER HELPER
LIQUOR-BRIDGE OPERATOR
liquor-gallery operator
liquor man
liquor runner
LIQUOR-BRIDGE OPERATOR HELPER
LOW-RAW-SUGAR CUTTER
MELTER OPERATOR
MELT-HOUSE CENTRIFUGAL OPERATOR
MELT-HOUSE DRAG OPERATOR
MILLMAN
carrier operator
crusher man
crusher operator
MILL-PLATFORM FOREMAN
MINGLER OPERATOR
PAN-SEED ROUSTABOUT
PICKING-TABLE MAN
POWDERED-SUGAR-PULVERIZER OPERATOR
POWDER-MILL OPERATOR
PULP-DRIER FIREMAN
PULP-PRESS MAN
RAW-JUICE WEIGHER
RECEIVING-TANK OPERATOR
REFINED-SIRUP OPERATOR
REFINED-SUGAR-BOX MAN
REGENERATOR OPERATOR
REMELT-CENTRIFUGAL OPERATOR
REMELT-PAN-TANK OPERATOR
REMELT-SUGAR BOILER
REMELT-SUGAR CUTTER
SACCHARATE-FILTRATION MAN
SCREEN-ROOM OPERATOR
SOFT-SUGAR BOILER
SOFT-SUGAR CUTTER
SOFT-SUGAR OPERATOR, HEAD
SUGAR BOILER
SUGAR-BOILER HELPER
pan helper
SUGAR GRINDER
SUGAR-PROCESSING-EQUIPMENT TENDER
Dorr operator
SUGAR-REPROCESS OPERATOR, HEAD
SWEETLAND-PRESS OPERATOR
TANKMAN
pan tankman
TARE MAN
dumpman
VORTEX OPERATOR
WASHERMAN
washroom operator
WASHERMAN HELPER
beet-washer helper
washer pitman
WET-AND-DRY SUGAR-BIN OPERATOR
WET-CHAR BELTMAN
WHITE-SUGAR BOILER
WHITE-SUGAR CENTRIFUGAL OPERATOR
WHITE-SUGAR-PAN-TANK OPERATOR
WHITE-SUGAR-SIRUP OPERATOR

surgical appl.—SURGICAL AND ORTHOPEDIC APPLIANCES INDUSTRY: This industry includes occupations in the manufacture of surgical appliances other than surgical instruments. It includes the manufacture of such products as artificial limbs; belts, bandages, elastic hosiery, and abdominal supporters and trusses; arch supporters and braces; douche equipment; and pneumatic splints. Occupations concerned with the manufacture of surgical instruments are included in the INSTRUMENTS AND APPARATUS INDUSTRY (inst. & app.).

ADHESIVE-BANDAGE-MACHINE OPERATOR
ARCH-SUPPORT TECHNICIAN
ARTIFICIAL-APPLIANCE MAKER, METAL
ARTIFICIAL-ARM MAKER
ARTIFICIAL-LEG-AND-BRACE MAKER
ARTIFICIAL-LIMB JOINT MAKER
ARTIFICIAL-LIMB SPRAYER
CARRIER PACKER
COTTON-BALL-MACHINE TENDER
cotton-ball operator
COTTON ROLL PACKER
DENTAL FLOSS PACKER
FACEPIECE-LINE SUPERVISOR
FINAL-ASSEMBLY-AND-PACKING SUPERVISOR
packing-and-final-assembly supervisor
FINISHER, ARTIFICIAL LIMB
FINISHER HELPER
FITTER
FOOT MAKER
FOREMAN, ARTIFICIAL-LIMB FABRICATION
GAGER
suture gager
suture measurer
GAS-MASK ASSEMBLER
GAS-MASK INSPECTOR
GAUZE-PAD-MACHINE OPERATOR
KICK-PRESS OPERATOR
KICK-PRESS OPERATOR, GAS MASKS
LEATHER WORKER
corsetiere
LEATHER WORKER—Con.
limb finisher
seamstress
sewer
ORTHOPEDIC-APPLIANCE-AND-LIMB TECHNICIAN
brace maker
orthopedic technician
ORTHOTIST
PAD INSPECTOR
PEDO-PRACTOR
PLASTIC-BUCKET MAKER
PLASTIC-SHIN MAKER
POLY-PACKER AND HEAT SEALER
beat sealer and poly-packer
PRESS OPERATOR
PROSTHETIST
PROSTHETIST-ORTHOTIST
SOCKET MAKER
SPONGE-MACHINE OPERATOR
cotton-ball bagger
STERILIZER
autoclave operator
SURGICAL-DRESSING MAKER
pad maker
SURGICAL-ELASTIC KNITTER, HAND FRAME
SUTURE POLISHER
SUTURE WINDER, HAND
gut winder
TAPER
TESTER, REGULATOR
TIP CLINCHER
TRUSS MAKER
VALVE SEALER
WELDER-AND-FINISHER
WIRER

synthetic fibers—SYNTHETIC FIBERS INDUSTRY: This industry includes occupations in the manufacture of acrylic, modacrylic, polyester, rayon, acetate, saran, nylon, spandex, olefin, vinyon, and other synthetic fibers from cellulose, natural proteins, combinations of coal, air, and water, and synthetic resins. Embraced by the industry are occupations concerned only with chemical processing of raw materials peculiar to synthetic fiber production, formation of synthetic filaments, tow, and staple lengths and inseparable subsequent treatment. Occupations concerned with texturing, finishing, and weaving synthetic fibers into fabrics are included in the TEXTILE INDUSTRY (textile). The manufacture of rubber fibers is included in the RUBBER GOODS INDUSTRY (rubber goods). The manufacture of glass fibers is included in the GLASS MANUFACTURING INDUSTRY (glass mfg.).

ACETONE-RECOVERY WORKER
ACID-CORRECTION MAN
ACID PATROLMAN
BOBBIN DRIER
BOBBIN SORTER
BOBBIN WASHER
BOX TENDER
CAKE INSPECTOR
CAKE WASHER
CAKE WRAPPER
CAKE WRINGER
hydroextractor operator
wringer operator
CHEMICAL-DEPARTMENT WORKER
chemical-building worker
chemical operator
CHURN MAN
barratte operator
mixer man
CORRECTION MAN I
bath mixer
bath-solution maker
coagulating-batb mixer
CORRECTION MAN II
bath mixer
batb-solution maker
COTTON WASHER
cotton cleaner
COTTON WRINGER
CUTTERMAN
staple cutter
DESULFURIZER, HAND
DESULFURIZER, MACHINE
desulfurizing operator
DIPPER
DRAW-MACHINE OPERATOR
DRIER OPERATOR
drying-machine operator
drying-room operator
FILTER CLEANER
clarifier
filter changer
filterer
FILTERMAN
ripening room floorman
FOREMAN, FORMING DEPARTMENT
FOREMAN, ROVING DEPARTMENT
FREQUENCY CHECKER
FUNNEL SETTER
JET MAN
jet handler
spinneret cleaner
JET WIPER
LABORATORY TESTER
LACING CUTTER
PACK-ROOM OPERATOR
POLYMER OPERATOR
c-p operator
copolymer operator
PROCESS MAN
side man
PUMP TESTER
RIPENING-ROOM OPERATOR
SECOND-FLOOR OPERATOR
SHREDDER OPERATOR
shredding-machine operator
SKEIN DRIER
SKEIN WASHER
SODA DIALYZER
dialyzer man
SODA-ROOM MAN
filter presser
mercerizer
soaking-room operator
steeping-press operator
SORTER
SPINNER
spinning operator
SPINNER, BOX
SPINNER, CONTINUOUS
SPINNING-BATH PATROLMAN
coagulating-bath man
SPINNING-MACHINE OPERATOR
SPINNING-ROOM MAN
spinning-room worker
TANKROOM MAN I
TANKROOM MAN II
ripening-room hand
spin-tank man
TEMPERATURE-CONTROL MAN
patrolman
THREAD INSPECTOR
THROWER
twister
twisting operator
TWISTER TENDER
beam-twister tender
cable-twister operator
downtwister
filling-twister tender
twister spinner
twisting-frame operator
twisting operator
warp-twister tender
yarn doubler
VISCOSE-CELLAR MAN
WASHER
bleacher
doffer
YARN EXAMINER
cone inspector
filling inspector
finished-yarn examiner
quill inspector
yarn inspector
YARN-TEXTURING-MACHINE OPERATOR
crimping-machine operator

tan. mat. & rel. prod.—TANNING MATERIALS, DYESTUFFS, AND RELATED PRODUCTS INDUSTRY: This industry includes occupations in the manufacture of tanning extracts and solutions, natural dyestuffs, mordants and assistants, and sizes.

SULFONATOR

tel. & tel.—TELEPHONE AND TELEGRAPH INDUSTRY: This industry embraces occupations that are concerned with the maintenance and operation of communications systems for wire and radio transmission of messages, including local and long-distance telephone and telegraph systems. Concerns in this industry frequently supply their customers with stock ticker, time-signal, teletype, and other special communications services. Excluded are occupations concerned with creating and broadcasting radio and television programs, which are included in the RADIO AND TELEVISION BROADCASTING INDUSTRY (radio & tv broad.).

AID, ROUTE
ASSEMBLER
assembler, equipment
assembler, works
wireman
ASSIGNMENT CLERK
cable-transfer clerk
plant assigner
service-order assigner
AUTOMATIC-EQUIPMENT TECHNICIAN
technician, automatic
telegraph-equipment maintainer
telegraph-printer-maintenance man
teletype-maintenance man
teletype man
teletype repairman
teletypewriter repairman
BENCH HAND
BUILDING-SUPPLIES-AND-MOTOR-VEHICLE SUPERVISOR
CABLE ENGINEER
CABLE FOREMAN, SUPERVISING
CABLE LAY-OUT MAN
CABLE MAN
CABLE PULLER
cable placer
cable rigger
CABLE REPAIRMAN
CABLESHIP WORKER
CABLE SPLICER
cable repairman
electrician, cable splicing
splicer
CABLE-SPLICER APPRENTICE
splicer apprentice
CABLE-SPLICER HELPER
CABLE SUPERVISOR
traffic controller, cable
CABLE TESTER
cable testman
CALL-BOX WIRER
CENTRAL-OFFICE INSTALLER
equipment installer
CENTRAL-OFFICE OPERATOR
switchboard operator
telephone operator

CENTRAL-OFFICE-OPERATOR SUPERVISOR
CENTRAL-OFFICE REPAIRMAN
central-office maintainer
switchman
CENTRAL-OFFICE-REPAIRMAN SUPERVISOR
installation supervisor
maintenance chief
operations chief
switchman foreman
wire chief
CENTRAL-OFFICE SUPERVISOR
CHARGE OPERATOR
CITY-PLANT SUPERVISOR
CLERK, CABLE TRANSFER
CLERK, DIRECTORY
CLERK, INSPECTION
CLERK, ROUTE
CLERK, TELEGRAPH SERVICE
clerk, personal service bureau
clerk, private wire-billing and control
COLLECTOR
coin-box collector
pay-station collector
COMBINATION MAN
section maintainer
COMMUNICATIONS-EQUIPMENT FOREMAN
CONTRACT CLERK
adjustment clerk
application clerk
order clerk
outside-contact clerk
service representative
CONTRACT CLERK SUPERVISOR
service-representative supervisor
CONTRACT-CLERK TRAINING SUPERVISOR
COUNTER CLERK
DISPATCHER I
cable dispatcher
DISTRICT-PLANT SUPERVISOR
DIVISION-PLANT ENGINEER
ELECTRICIAN, OFFICE
electrician, station, assistant
EQUIPMENT ENGINEER
EQUIPMENT INSPECTOR
EQUIPMENT INSTALLER I
EQUIPMENT MAN
FACILITYMAN
FOREIGN-NEWS TRANSLATOR
voice interceptor
FRAMEMAN
wireman
GROUNDMAN
HOLE-DIGGER-TRUCK DRIVER
INFORMATION OPERATOR
information and dsa operator
information girl
information-telephone operator
INSIDE-PLANT SUPERVISOR
INSTALLATION FOREMAN
INSTALLER REPAIRMAN
installer-and-maintenance man
INSTRUMENT SHOPMAN
shop repairman
INSTRUMENT-SHOP SUPERVISOR
instrument-shop foreman
JOINTER, SUBMARINE CABLE
LINE-CONSTRUCTION ENGINEER
district engineer
LINE FOREMAN
LINE INSPECTOR
inspector, line
LINEMAN
LINEMAN, CITY
LINEMAN, SECTION
LONG-DISTANCE OPERATOR
MAINTENANCE INSPECTOR
MANAGER, CUSTOMER SERVICE
MANAGER, DELIVERY DEPARTMENT
MANAGER, PRORATE
MANAGER, TELEGRAPH OFFICE
MANAGER, TRAFFIC I
MANAGER, TRAFFIC II
traffic chief
traffic superintendent
MARINE RADIO INSTALLER-SERVICEMAN
MECHANICIAN, SUBMARINE CABLE EQUIPMENT
radioman
tester
MONEY-ORDER CLERK
MORSE OPERATOR
station telegrapher
telegrapher
telegrapher cashier
MORSE OPERATOR, CENTRAL NEWS DESK
MORSE SUPERVISOR
MULTIPLEX-MACHINE OPERATOR
OPERATIONS MANAGER
OPERATIONS TECHNICIAN
OUTSIDE-PLANT ENGINEER
cable-construction engineer
field engineer
OUTSIDE-PLANT SUPERVISOR
PHOTORADIO OPERATOR
facsimile operator
radio-photo technician
PLANT WIREMAN
POLE FRAMER
line-and-frame poleman
POLE-TRUCK DRIVER
POWERMAN I
telephone-plant powerman
POWERMAN II
PRINTER MAINTAINER
PRIVATE-BRANCH-EXCHANGE INSTALLER
p.b.x. installer
PRIVATE-BRANCH-EXCHANGE-INSTALLER APPRENTICE
p.b.x.-installer apprentice
PRIVATE-BRANCH-EXCHANGE MAN, MOBILE RADIO
PRIVATE-BRANCH-EXCHANGE MAN, TELETYPEWRITER
PRIVATE-BRANCH-EXCHANGE REPAIRMAN
p.b.x. repairman
telephone repairman
PRIVATE-BRANCH-EXCHANGE SERVICE ADVISOR
PUBLIC PROGRAM SUPERVISOR
RADIO COMMUNICATIONS EQUIPMENT INSTALLER-SERVICEMAN
RADIOMAN I
RADIO-MESSAGE ROUTER
RADIOTELEGRAPH OPERATOR
c.w. operator
radiotelegraphist
telegraph man
RADIO TELEGRAPH OPERATOR-SERVICEMAN
RADIOTELEPHONE OPERATOR
phone-circuit operator
radioman
radiophone operator
radiotelephone-technical operator
REGULATORY ADMINISTRATOR
regulatory coordinator
REPAIRMAN FOREMAN
customer facilities foreman
maintenance supervisor
manager, service
service-center supervisor
REPRESENTATIVE, PERSONAL SERVICE
REVENUE-SETTLEMENTS ADMINISTRATOR
RIGGER
lineman
RIGGER, FOREMAN
rigger, radio, chief
RIGHT-OF-WAY SUPERVISOR
supervisor of permits, easements, and right-of-way
SALES DEVELOPMENT CLERK
SALESMAN, PUBLIC UTILITIES
SALESMAN, TELEPHONE AND TELEGRAPH SERVICE
SALES REPRESENTATIVE, TELEPHONE SERVICES
commercial representative
sales analyst
SERVICE OBSERVER
monitor
observer
SERVICE OBSERVER, CHIEF
monitor chief
SPECIAL-SERVICE REPRESENTATIVE
STATION INSTALLER
line-and-station installer
telephone installer
STATION REPAIRMAN
line-and-station repairman
trouble shooter
SUBMARINE-CABLE-STATION TECHNICIAN
cable-station technician
testboardman
SUPERINTENDENT, COMMUNICATIONS
plant chief
SUPERINTENDENT, STATION
chief tester
SUPERVISOR, AUTOMATIC EQUIPMENT
SUPERVISOR, FORCE ADJUSTMENT
SUPERVISOR, MESSENGERS
SUPERVISOR, ROUTE
SWITCHING CLERK
reperforator operator
TELECOMMUNICATIONS-SERVICE ENGINEER
planner, telecommunication service
services engineer
TELEFAX CLERK
TELEFAX SUPERVISOR
TELEGRAM TRACER
TELEGRAPH ENGINEER
TELEGRAPHIC-INSTRUMENT FOREMAN
TELEGRAPHIC-SERVICE DISPATCHER
TELEGRAPHIC-TYPEWRITER INSTALLER
TELEGRAPHIC-TYPEWRITER REPAIRMAN
TELEGRAPH MESSENGER I
TELEGRAPH MESSENGER II
telephone messenger
TELEGRAPH MESSENGER, AUTOMOBILE
TELEGRAPH MESSENGER, BICYCLE
TELEGRAPH MESSENGER, STATION
TELEGRAPH MESSENGER, WALKING
TELEGRAPH-PLANT MAINTAINER
equipment installer
maintainer, central office
maintainer, equipment
maintainer, plant
TELEGRAPH-REPEATER INSTALLER
TELEGRAPH-REPEATER TECHNICIAN
TELEGRAPH-SERVICE RATER
clerk, rating
rate marker
TELEPHONE ENGINEER
TELEPHONE INSPECTOR
TELEPHONE-INSTRUMENT FOREMAN
TELEPHOTO MAN
TELEPRINTER MAN
TELETYPE INSTALLER
TEST DESKMAN
dispatcher
local-test deskman
testman
testboardman
toll-test deskman
TEST-DESK SUPERVISOR
TESTING-AND-REGULATING CHIEF
automatic maintainer
regulating-and-testing man
repeater attendant
technician, terminal and repeater
technician, wire and repeater
wire-and-repeater technician
tester, equipment
TICKERMAN
TIME-SIGNAL WIRER
TOLL ADDING CLERK
TOLL BILLING CLERK
TOLL LINE REPAIRMAN
TOLL RATING CLERK
TOLL REPAIRMAN, CENTRAL OFFICE
TOWER-TRUCK DRIVER
TRAFFIC CHIEF, RADIO COMMUNICATIONS
dispatcher, radio
TRANSLATOR, RADIO COMMUNICATIONS
TRANSMISSION-AND-PROTECTION ENGINEER
transmission engineer
TRANSMISSION-MAINTENANCE SUPERVISOR
TRANSMISSION MAN
transmission tester
TREE TRIMMER
tree trimmer, line clearance
tree-trimming-line technician
TREE-TRIMMER, GROUNDMAN
groundman, tree trimming
TREE-TRIMMING FOREMAN
VIDEO MAN
WATCH ELECTRICIAN

tex. bag.—TEXTILE BAG INDUSTRY: This industry includes occupations in the manufacture of bags other than of paper or synthetic films, most of which are of canvas, burlap, and cotton. The principal types of bags covered are those for feed, grain, flour, fertilizer, tobacco, mail, meal, money, and small parts, and those for use by carpenters, fruit pickers, and newsboys.

AIR-TURNING-MACHINE FEEDER
BAG-AND-SACK SEWER
bag patcher
bag sewer
canvas-bag sewer
BAG CUTTER
scrap-table girl
textile-scrap salvager
BAG INSPECTOR
BAG LINER
BAG-MAKING-MACHINE TENDER
BURLAP-BAG SEWER
BURLAP SPREADER
CALENDER OPERATOR
calender tender
chase-calender tender
friction-calender tender
lusterer
plain-calender tender
roll-calender tender
steam-press operator
CANVAS-BAG MAKER
CHARGE-BAG SEWER
COATING-MACHINE OPERATOR
COTTON-BAG CLIPPER
COTTON-BAG-CUTTING-MACHINE OFF-BEARER
COTTON-BAG-CUTTING-MACHINE OPERATOR
COTTON-BAG SEWER
COTTON-BAG TURNER, HAND
CUTTING-AND-PRINTING-MACHINE OPERATOR
pressman
CUTTING-DEPARTMENT FOREMAN
CUTTING-MACHINE OFF-BEARER
CUTTING-MACHINE OPERATOR
sheet-cutting operator
END-TO-END SEWER
bolt-end sewer
cloth-cut stitcher
cloth sewer, rolls
cloth splicer, rolls
cloth stitcher, rolls
cut sewer
end sewer
END-TO-END SEWER—Continued
machine sewer, cloth cuts
overseamer lay-out clerk
piece sewer
plain-goods stitcher
roller
rotary-sewing-machine operator
sewer, plain goods
sewing-machine boy, cloth cuts
FOLDER
waterproof-material folder
FOREMAN
HARNESS-MACHINE OPERATOR
HORIZONTAL-STICK-TURNING-MACHINE OPERATOR
INSPECTOR
folder inspector
inspector and clipper
JUTE-BAG CLIPPER
JUTE-BAG-CUTTING-MACHINE OPERATOR
JUTE-BAG HAND-TURNER
JUTE-BAG SEWER
MAKING-DEPARTMENT FOREMAN
PADDING-MACHINE OPERATOR
SEWING-MACHINE OPERATOR
SHEET CUTTER
SNUFF-BAG REPAIRER
STRINGING-MACHINE TENDER
clipping, stringing, and turning machine tender
TURNING-MACHINE OPERATOR
turner
WATERPROOF-BAG CLIPPER
WATERPROOF-BAG-CUTTING-MACHINE OPERATOR
WATERPROOF-BAG SEWER

tex. prod., n.e.c.—TEXTILE PRODUCTS INDUSTRY, NOT ELSEWHERE CLASSIFIED: This industry includes occupations in manufacturing textile products not elsewhere classified, such as lace, banners, flags, pennants, parachutes, and automobile seat covers. Also included are occupations concerned with hand-knitting and hand-weaving textile products. Machine embroidered and burnt-out lace products are included in the EMBROIDERIES INDUSTRY (embroid.)

ACCESSORIES INSPECTOR
ASSEMBLER
table worker
ASSEMBLER, FINGER BUFFS
BACK-PAD INSPECTOR
BIAS-CLOTH RUFFLER
ruffler
BOBBIN PRESSER
BOBBIN STRIPPER
BUFFING TURNER-AND-COUNTER
BUFFING-WHEEL FORMER, AUTOMATIC
BUFFING-WHEEL FORMER, HAND

tex. prod., n.e.c.—continued

Buffing-Wheel Inspector
Buffing-Wheel Sewer
Canopy Inspector
Canopy Stringer
Core-Covering Sewer
buffing-wheel cover-maker
Core Inserter
Cutter
Examiner Mender
Filter-Cloth Maker
Finger-Buff Sewer
Flocker
Forelady
Forelady, Parachute Manufacturing
Harness-Machine Operator
Harness Rigger
parachute-harness rigger
Hem Inspector
Knitter, Hand
Lace Winder
Lacing Presser
Levers-Lace-Machine Operator
Jacquard-lace weaver
lace-machine operator
twisthand
Monogram-and-Letter Paster
paster
Parachute-Accessories Attacher
Parachute-Cover Sewer
Parachute-Crown Sewer
Parachute-Cushion Installer
Parachute Folder
Parachute-Harness Maker
Parachute Inspector
Parachute-Line Tier
Parachute Marker
Parachute-Panel Joiner
Parachute Repairer
Parachute Repairman
mender
Parachute-Skirt Trimmer
Parachute Taper
Patternmaker
Presser, Buffing Wheel
Raker, Buffing Wheel
Ripper
Rounding-Machine Operator
brim cutter
cutting-machine operator
flange cutter
round-cutter operator
rounder
Sample Girl
Seat-Pack Inspector
Sewer-and-Cutter, Finger-Buff Material
Sewing-Machine Operator
Shroud-Line Cutter
Shroud-Line Tier
Shroud-Web Inspector
Sorter
Suspension-Cord Cutter
Suspension-Cord Tier
Threader
Thread Separator
thread drawer
Trimmer, Buffing Wheel
Vent-Tape Pinner
parachute-vent-tape pinner

textile—Textile Industry: This industry includes occupations concerned with preparing natural fibers for processing into thread and yarn; spinning, throwing, twisting, dyeing, and finishing thread and yarn from manmade or natural fibers; weaving natural, manmade, or mixed yarn into fabrics; and dyeing and finishing such fabrics. Included also are all other functions performed preparatory to and incidental to such processes. The finishing processes include bleaching, drying, dyeing, mercerizing, printing, shrinking, starching, texturizing, and waterproofing. This designation covers these processes wherever they occur. The manufacture of glass fibers is included in the Glass Manufacturing Industry (glass mfg.); rubber fibers in the Rubber Goods Industry (rubber goods); and other manmade fibers in the Synthetic Fibers Industry (synthetic fibers). Processes that are considered peculiar to the manufacture of narrow fabrics are included in the Narrow Fabrics Industry (narrow fab.).

Acid-Bath Mixer
Acid-Strength Inspector
Acid-Washer Operator
Ager Operator
aniline-dye-ager operator
long-steamer tender
Aging-Department Foreman
Alleyman
Ammonia-Solution Preparer
Assembler, Half Lap
knocker down
patcher
Autoclave Operator
Back-Grey-Cloth Washer
Back Sizer
Back Tender
back man, cloth drier
desizing-machine off-bearer
Back Tender—Con.
desizing-machine operator, rear end
dry-can rear-end man
drying-machine receiver
drying-machine tender
frame catcher
swing tender
take-away attendant
tentering-machine off-bearer
tentering-machine rear-end operator
tenter-machine tailer
Back Tender, Cloth Printing
Back Washer
Bagging Salvager
burlap man
sack-cleaning hand
tie-salvage man
Bag Opener
Bale Piler
Balling-Machine Operator
ball winder
Ball-Warper Tender
baller tender
ball-thread-machine tender
ball winder
Ban-Lon-Machine Operator
Battery Loader
battery filler
battery girl or man
battery hand
hopper loader
magazine filler
Batting-Machine Operator
Beam-Dyer Operator
cylinder dyer
Beamer
dry slasher tender
rebeamer
Beamer Helper
Beam Man
beam doffer
beam rackman
lay-up man
warp clamper
warp hanger
warpman
warp placer
warp trucker
Beam-Warper Tender, Automatic
beam warper
cotton warper
high - speed - warper tender
section beamer
section warper
tricot-warper tender
warp dresser
warper tender
Bedspread Folder
Binder and Box Builder
binder fixer
box-front man
Binding Cutter
Binding Cutter, Synthetic Cloth
Blanket Binder
Blanket Cutter
Blanket - Cutting - Machine Operator
Blanket Folder
Blanket Inspector
Bleach-Range Operator
bleach - range - entering-end man
chemical-machine operator
chemic mangler
chemic-washer operator
Blending - Machine Operator
Blow - Machine Man, Starch Spraying
Blow Man, Dyed Raw Stock
Bobbin - Cleaning - Machine Operator
bobbin stripper
cop breaker
quill cleaner
quill-cleaning-machine operator
quill skinner
quill stripper
tailing hand
Bobbin Cutter
Bobbin Marker and Polisher
bobbin painter, marking
Bobbin Marker and Polisher—Continued
cone marker, yarn size
ironhead marker and polisher
Bobbin Reamer
Bobbin Sorter
Bobbin Washer
Bobbin Winder
Bobbin Winder, Machine
Bobbin Winder, Sewing Machine
Boiling-Off Winder
Boil-Off-Machine Operator, Cloth
open - boil - off - machine operator
Boil-Off Man, Skein Yarn
boiler-off man
boil-off-kier tender
skein-yarn boiler-off
skein-yarn tender
yarn boiler-off
Boil-Off-Pot Operator
boil-off man, yarn
yarn boiler
Boil-Off-Pot-Operator Helper
Breaker-Machine Man
button-breaker-machine operator
button breakerman
button-breaker operator
Breaker-Picker Tender
Brush Operator
steam brush operator
Brush Washer
Burler
cloth picker
knot picker, cloth
slub picker
string picker
Burr-Picker Tender
Cake Winder
Calender Operator
calender tender
chase-calender tender
friction-calender operator
lusterer
plain-calender tender
roll-calender tender
steam-press operator
Can Boy
can doffer
can man
card doffer
Canvas Shrinker
Carbonizer
Card Boy
Card Changer, Jacquard Looms
card hanger
card man
Jacquard-pattern serviceman
pattern changer and repairman
pattern hanger
pattern man
Card Cleaner
Card Clothier
Card Cutter, Jacquard
piano-machine operator
Card Fixer
Card Grinder
card fixer
card setter
Carding-Machine Feeder
Card Lacer, Jacquard
lacing-machine operator, Jacquard cards
Cardroom Worker
Card Stripper
Card Tender
alley tender
card feeder
card hand
card operator
Caustic Mixer
Caustic-Soda Reclaimer
Caustic - Strength Inspector
Chain Builder, Loom Control
chain-drive man, loom control
chainer
chain maker, loom control
chain pegger
chain splitter
pattern man, loom control
Chainer I
yarn linker
Chemical Mixer
compounder
Chemical-Strength Tester
chemical checker
titrator
Chinchilla-Machine Operator
curling-machine operator
whirling-machine operator
Clarifying-Plant Operator
Cloth-Bale Header
bale coverer
burlapper
Cloth Baler
Cloth-Bin Packer
Cloth Bleaching-Range Back-Tender
Cloth-Bleaching-Range Middleman
Cloth-Bleaching-Range Operator, Chief
Cloth-Bolt Bander
backer and bander, cloth
folded-cloth taper
taper
Cloth-Colors Examiner
Cloth Cutter
Cloth-Cutting Inspector
Cloth - Desizing - Range Middleman
Cloth - Desizing - Range Operator, Chief
Cloth Doffer
cloth handler
cut-off boy
loom doffer
rollman, weave room
short piece handler
Cloth - Doubling - and Winding-Machine Operator
cloth doubler, machine
doubler
doubler operator, cloth winding
doubling-and-rolling-machine operator
doubling-machine operator
wide-cloth folder
Cloth - Dyeing - Range Middleman
Cloth - Dyeing - Range Operator, Chief
Cloth-Edge Singer
Cloth Examiner, Hand
fabric inspector
finished-cloth checker
shader and folder
Cloth Examiner, Machine
cloth-defects examiner
cloth inspector
examining-machine operator
final inspector
inspecting-machine tender
mechanical inspector
percher
perch-machine inspector
selector
Cloth Feeder
range feeder
Cloth Finisher I
finishing overseer
Cloth-Finishing-Range Back Tender
Cloth-Finishing-Range Middleman
middleman
patroling operator
utility hand
Cloth-Finishing-Range Operator
back filler
finishing-range operator
hot - tenter - entry - end man
starcher - and - tenter - range feeder
treater
Cloth-Finishing-Range Operator, Chief
finishing-range foreman
range operator
Cloth Folder
Cloth Folder, Hand
book folder
folder, hand
hand-booked folder and stitcher
maker-up folding
Cloth Framer
framer
Cloth Grader
cloth classer
hand inspector
seconds grader
seconds inspector
table inspector
Cloth-Grader Foreman
Cloth Hauler
Cloth-Liming-Washer Tender
Cloth Measurer, Machine
measurer, machine
measuring-percher-and inspector
Cloth-Mercerizer Back-Tender
Cloth-Mercerizer Operator
lusterer
mercerizer
mercerizer-machine operator
mercerizing-range controller
Cloth Neutralizer
Cloth Numberer
Cloth-Oiler Operator
oiler operator
Cloth-Printing Inspector
Cloth Reeler
reeling-machine operator
Cloth-Sample-Book Binder

CLOTH SANDER
sander
sanding-machine operator
CLOTH-SECONDS SORTER
CLOTH SHADER
CLOTH-SHRINKER-MACHINE OPERATOR
CLOTH-SHRINKING-MACHINE OPERATOR
cloth shrinker
cloth-shrinker-machine operator
cloth sponger
shrinker
sponger
water sponger
CLOTH-SKEINING-REEL OPERATOR
put-up man
skeiner
skeiner operator
CLOTH-SKEINING-REEL-OPERATOR HELPER
put-up man helper
CLOTH STOCKMAN
cloth-stock sorter
CLOTH TEARER
tearer
CLOTH TEARER FOR SHEETS
CLOTH TESTER, QUALITY
laboratory assistant
CLOTH TRIMMER, HAND
CLOTH TRIMMER, MACHINE
shear tender
CLOTH-WASHER BACK-TENDER
CLOTH-WASHER OPERATOR
cloth scourer
dunger
piece-goods washer
saturating-machine tender
saturator
washer feeder
washing-machine operator
washman
water boxman
wetter-out
COATER
COATING-AND-EMBOSSING-UNIT OPERATOR
COLOR BOY, PRINTING
color dipper
COLORIST ASSISTANT
floorman
COLORMAN, ROVING OR YARN
color checker, roving or yarn
shade-and-quality checker
COLOR MIXER
COLOR-PASTE MIXER
COLOR STRAINER
color-mixer assistant
COLOR-STRAINING-BAG WASHER
COMBER FIXER
COMBER TENDER
COMBINING-MACHINE TENDER
CONDITIONER TENDER
ager tender, filling
conditioner, yarn
conditioning-room worker
filling conditioner
steam conditioner, filling
steamer
yarn conditioner
CONE WINDER
CONTINUOUS-CRUSHER OPERATOR
CONTINUOUS PILLOWCASE CUTTER
pillowcase cutter
COOLER OPERATOR
cooler-machine operator
COP WINDER
CORD-IMPREGNATING-MACHINE OPERATOR
CORDUROY-BRUSHER OPERATOR
alternating-brush operator
comb brusher
treadle-and-crosser operator
CORDUROY-CUTTER OPERATOR
cutting-machine operator
CORNER TACKER
COTTON CLASSER
agricultural-commodity grader, cotton
cotton grader
COTTON-DUCK WINDER
COTTON SAMPLER
sampler
COVERING-MACHINE OPERATOR
elastic-yarn twister
rubber coverer
rubber-covering-machine operator
COVERING-MACHINE-OPERATOR HELPER
elastic-yarn-twister helper
CRABBER
CREEL CLEANER
CRIMPING-MACHINE OPERATOR I
crimper operator
textralizer
CRIMP SETTER
steam setter
CUTTER, ROTARY SHEAR
CUTTING-MACHINE FIXER
CYLINDER BATCHER
batcher
DECATING-MACHINE OPERATOR
cloth finisher
decatizer tender
dry-decator operator
open-blower operator
semi-decator
semi-decator operator
steam finisher
steam sponger
steam-shrinking-machine operator
DESIZING-MACHINE BACK-TENDER
DESIZING-MACHINE OPERATOR, HEAD END
desizing-pad operator
malter operator
DETACKER
DEWER
dampener
moistening-machine operator
sprinkler tender
DIE-CUTTING-MACHINE OPERATOR, AUTOMATIC
die cutter
DIPPER
DOBBY-LOOM FIXER
DOFFER
filling-yarn doffer
warp-yarn doffer
YARN WINDER
doubler
multiple-tube-winding-machine operator
DRAWER-IN, DOBBY LOOM
DRAWER-IN, HAND
drawer
draw-in and smash hand
drawing-in hand
draw-in hand
enterer
heddler
warp drawer
web drawer
DRAWER-IN HELPER, HAND
entering-room serviceman
DRAWER-IN, JACQUARD LOOM
DRAWER-IN, PLAIN LOOM
DRAWING-FRAME TENDER
drawer
drawer and doubler
drawing-frame tender, first
drawing-machine operator
drawing tender
fly-drawing-frame tender
railway-head tender
DRAWING-IN-MACHINE TENDER
drawer-in, machine
DRAWING-IN-MACHINE-TENDER HELPER
back-up man
DRESSER TENDER
thread dresser
warp dresser
warper tender
warping-mill operator
DROP-WIRE BUILDER
drop-wire man
drop-wire stringer
DROP-WIRE MAN I
drop-eye man
drop-wire hanger
wire dropper
DRUM PRINTER
DRUM-PRINTER HELPER
DRY-CANS BACK-TENDER
DRY-CANS OPERATOR
blower man
can drier operator
cans operator
can tender
cloth-dry-can man
cloth-dry-can operator
drier tender
drying-machine tender
DRY-DRUG MAN
DRYING-MACHINE BACK-TENDER
DRYING-MACHINE OPERATOR, PACKAGE YARNS
drier operator
kier drier
oven-drier tender
package drier
port drier
DRYING-MACHINE TENDER
oven tender
stove tender
tubing drier
DUST-BOX TENDER
cloth duster
DYE-HOUSE WORKER
dye-house helper
DYEING-MACHINE BACK-TENDER
DYE-RANGE OPERATOR, CLOTH
cloth dyer
dye feeder
dyeing-machine feeder
dye-machine-entry-end man
dye-machine feeder
dye-range feeder
DYE-RANGE OPERATOR, CLOTH—Continued
front tender
DYE-REEL OPERATOR
box tender
cloth dyer
dye-beck-reel operator
dye-tube operator
dye-winch operator
overhead-dye-box operator
overhead-dye man
overhead dyer
piece-dyeing-machine tender
piece-dye worker
vatman
vat tender
DYE-STAND LOADER
carrier loader
package-dye-stand loader
EDGER
ELECTRIFIER OPERATOR
hummer operator
EMBROIDERY SEWER
scallop sewer
ENDLESS STEAMER TENDER
ENDS-DOWN CHECKER
END-TO-END SEWER
bolt-end sewer
cloth-cut stitcher
cloth sewer, rolls
cloth splicer, rolls
cloth stitcher, rolls
cut sewer
end sewer
machine sewer, cloth cuts
overseamer lay-out clerk
piece sewer
plain-goods stitcher
roller
rotary-sewing-machine operator
sewer, plain goods
sewing-machine boy, cloth cuts
EXTRACTOR OPERATOR
suction-machine operator
vacuum-extractor operator
EXTRACTOR TENDER, RAW STOCK
FABRIC-COATING FOREMAN
felt-coating-and-mixing foreman
FILLING HAULER, WEAVING
FINISHED-CLOTH EXAMINER
FINISHER-CARD TENDER
card-finisher tender
tape-condenser operator
FINISHER-PICKER TENDER
FINISHING-RANGE FEEDER
FITTED-SHEET BINDER
FITTED-SHEET CUTTER
FLAT CLOTHIER
FLOCKING-MACHINE OPERATOR
FLOSS WINDER
FLUFLON-MACHINE OPERATOR
FLYER REPAIRMAN
flyer builder
FOLDING-MACHINE FEEDER
FOLDING-MACHINE OPERATOR I
cloth folder, machine
flat folding-machine operator
FOLDING-MACHINE OPERATOR I—Continued
folder, machine
hooking-machine operator
FOLDING-MACHINE OPERATOR (knit goods; textile)
dry folder, cloth
folder operator
layer-up
FOREMAN, PREPARATION DEPARTMENT
FOREMAN, SLASHING DEPARTMENT
FOREMAN, SPINNING
FOREMAN, THROWING DEPARTMENT
FOREMAN, WINDING AND TWISTING DEPARTMENT
FOREMAN, WOOL-SORTING AND-GRADING
FOREMAN, WARPING DEPARTMENT
FORMULA CHECKER
FRAME BANDER
tapeman
FRAME CHANGER
roving changer
slubber-frame changer
speeder-frame changer
spinning-frame changer
twisting-frame changer
FRAME HAND
FREQUENCY CHECKER
FULL-DECATOR OPERATOR
FULLER
fulling-mill operator
wet finisher, wool
GANG-HEMSTITCHING-MACHINE OPERATOR
GARNETT-MACHINE OPERATOR
carder
devil tender
garnetter
garnetting-machine operator
linting-machine operator
waste-machine operator
GAS-REEL TENDER
GASSER II
thread singer
GEAR-ROOM KEEPER
GIG TENDER
gigger
GILL-BOX FIXER
GILL-BOX TENDER
card-gill tender
gill tender
pin-drafting-machine operator
pin-machine man
GOODS LAYER
cloth layer-out
lay-out man
GREIGE-GOODS TESTER
GREY-CLOTH TENDER, PRINTING
grey-cloth boy
grey tender
GREY-GOODS EXAMINER
GREY-GOODS MARKER
lot marker
marker, hand
piece-goods marker
GREY-ROOM WORKER
grey-goods worker
GUIDE-RAIL CLEANER
HANDER-IN
HANKERCHIEF CUTTER
HARNESS BUILDER
harness man, preparing
harness repairman
HARNESS CLEANER
harness brusher
reed cleaner
HARNESS MAN, PLACING IN
harness tier
warp hanger
warp-tie-in man
HARNESS PULLER
warp starter
HEAT CURER
HEBDON-MACHINE SPONGER
HEBDON-MACHINE-SPONGER HELPER
HEDDLES TIER, JACQUARD LOOM
harness man
heddles tier
HEMSTITCHING-MACHINE OPERATOR
hemstitcher
HOOKER-INSPECTOR
cloth folder, machine
folding-machine operator
hooker operator
measuring-machine tender
yardage-machine operator
yarding-and-folding-machine operator
HOOKING-MACHINE OPERATOR I
HUMIDIFIER ATTENDANT
drosophere man
humidifier-maintenance man
humid-system operator
HUSSONG-VAT MAN
INDIGO MIXER
INDIGO-VAT-TENDER, CLOTH
INDIGO-VAT-TENDER, WARP
INSPECTOR
folder inspector
inspector and clipper
INSTRUCTOR, APPAREL MANUFACTURE
instructor
overseer
INSTRUCTOR, WEAVING
INTERMEDIATE-PICKER TENDER
JACKMAN
copper-roller handler, printing
forcing-machine operator, printing
mandrel-press hand
printing-roller handler
rollerman
shellman
JACQUARD-LOOM FIXER
JACQUARD-LOOM WEAVER
JIGGER
dye-box man
dye-jigger operator
jig-dyeing-machine tender
jig hand
vat tender
KETTLEMAN, GUM MIXING
gum mixer
kettle hand
starch cooker
KIER BOILER
ash-kier boiler
boiler
boil-off man, cloth
bowker
kierman
kier operator
kier tender
lime-kier boiler
lye boiler

textile—continued

KNIFE-MACHINE OPERATOR
knife finisher
knife man
KNOTTER
binder
folded-cloth binder
folded-cloth tacker
tacker
LABEL CUTTER
LABEL TACKER
LABORATORY ASSISTANT
laboratory tester
LABORATORY TESTER I
roving tester, laboratory
test-room man
yarn checker
LATEX COMPOUNDER
LAY-OUT-AND-PUT-UP MAN
LAY-OUT GIRL
LEASE-OUT MAN
LEASING-MACHINE TENDER
LINGO CLEANER
LOADER-UNLOADER, SCREEN-PRINTING MACHINE
LONDON-SHRINKING-MACHINE OPERATOR
cold-water-machine operator
LONG-CHAIN BEAMER
beamer-chain tender
beaming-machine operator
chain beamer
pin beamer
section beamer
LOOM BLOWER
LOOM CHANGER
warp changer
LOOM FIXER
fixer
loom repairman
LOOM STARTER
starter, weaving
warp starter
LOOM-STOP CHECKER
LOOM-WINDER TENDER
LOOP-DRIER OPERATOR
LOOSE-STARCH MAN
MACHINE FEEDER, RAW STOCK
binman
feeder tender
hopper feeder
hopper tender
MACHINE FIXER
fixer
machine repairer
MANGLE BACK-TENDER
MANGLE-PRESS CATCHER
mangle doffer
MANGLE TENDER
cloth finisher
cloth-finishing-machine operator
cloth presser
mangler
quetch-machine operator
trojan ironer
MARKING-MACHINE OPERATOR
MENDER
cloth-seconds reworker
darner
MERCERIZING-RANGE FEEDER
MIDDLE-CARD TENDER
alley tender
intermediate-card tender
MUFF WINDER
NAPHTHOL-SOAPING-MACHINE OPERATOR
NAPPER GRINDER
NAPPER TENDER
brushing operator
brush-machine operator
fleecing-machine operator
napper
napper operator
napping-machine operator
preparer
NEEDLE SETTER
book setter
comber setter
comb-needle setter
pin setter
reneedler
NICKING-MACHINE OPERATOR
NOVELTY-PRINTING-MACHINE OPERATOR
NOVELTY-TWISTER TENDER
NUB-CARD TENDER
NUMBERER AND WIRER
card-cutter helper
OIL-SPOT WASHER
spot washer
OPEN-DEVELOPER OPERATOR
first-hand operator
OPENER TENDER
bale-breaker operator
breaker operator
cotton opener
lumper
opening-machine tender
stock blender
vertical-cleaner operator
vertical-opener operator
OPENING-MACHINE CLEANER
OPEN-SOAPER TENDER
color developer
front tender
soaper
soaper tender
soaping-machine tender
washer and cans operator
OVERHAULER
OVERHEAD-CLEANER MAINTENANCE MAN
traveling cleaner, maintenance
PACKAGE CRIMPER
crimping-machine operator
PACKAGE-DYEING-MACHINE OPERATOR
beam dyer
bleacher
dyeing-machine tender
package dyer
PAD BOY
pad maker
PADDING-MACHINE OPERATOR
dye-padder operator
padder man
PAINTING-MACHINE OPERATOR
cloth painter
finishing-machine operator
PARTS INSPECTOR, TEXTILE MACHINERY
inspector
PASTER, SCREEN PRINTING
stretcher
PATCH-STEAMER TENDER
PATCH WASHER
patch developer
sample steamer
PATTERN DUPLICATOR
repeater operator
PATTERN-LEASE INSPECTOR
misdraw hand
PEG BOY, DOBBY LOOMS
dobby-loom chain-pegger
PEG BOY, DYEING
PICKER FEEDER
PICKER TENDER
lapper
mix-picker operator
PICK-PULLING-MACHINE OPERATOR
float remover
waste filling remover
PICK REMOVER
thread puller
PICK-UP OPERATOR
PIECE-GOODS PACKER
PIECE HAND
PIECER
PILLOWCASE CLEANER
PILLOWCASE FOLDER
PILLOWCASE SEWER
PILLOWCASE SEWER, AUTOMATIC
PILLOWCASE-TUBING SEWER
PILLOWCASE TURNER
turner and presser
PIN BOY, SCREEN PRINTING
lay-down boy
PIN CLEANER
PIRN WINDER
PLEATER I
bin piler
kier packer
kier piler
kier pleater
plaiter
PLISSÉ-MACHINE OPERATOR
PLISSÉ-MACHINE-OPERATOR HELPER
PLUSH WEAVER
POT-HOLDER BINDER
PRECISE WINDER
PRESS OPERATOR
PULLER
QUILLER-MACHINE FIXER
QUILLER OPERATOR
long-chain-quiller tender
quill-machine tender
QUILLING-MACHINE OPERATOR, AUTOMATIC
automatic quiller operator
filling winder
radial-quilling-machine operator
universal-filling winder, automatic
universal-filling winder-tender, automatic
QUILL POLISHER
quill-polishing-machine feeder
QUILL REAMER
quill driller
quill repairman
quill unstopper
quill washer, polisher, and repairer
reamer
RACK CLEANER
RAG-PICKER OPERATOR
RAW-SILK GRADER
RAW-STOCK-DRIER TENDER
fiber-drier operator
stock-drier tender
RAW-STOCK-DYEING-MACHINE TENDER
RAW-STOCK TUBMAN
dye-machine loader
tubman
RECEIVING-AND-SHIPPING HELPER
floorman
trucker
RECHECKER
REDRAW OPERATOR
REED MAN
loom-reed man
reed cleaner
reed maker
reed polisher
reed repairman
REELING-AND-TUBING-MACHINE OPERATOR
REELING-MACHINE OPERATOR II
reeler
reel tender
skein reeler
skein winder
yarn-reeling-machine operator
yarn-skeining-reel operator
REMNANT MAN
rag-table sorter
remnant sorter
REMNANTS CUTTER
RETURNED-GOODS SORTER
RIBBON-LAP-MACHINE TENDER
carding doubler
lap-machine tender
RODNEY-HUNT-WASHER TENDER
ROLL COVERER, BURLAP
burlapper
cloth-roll coverer, burlap
wrapper-and-bagger, sheeting
ROLLER CLEANER
draft-roller picker
frame cleaner
roller picker
top cleaner
ROLLER COVERER
roll coverer
roller maker
roller-shop man
ROLLER-UP
dry-room helper
finisher
yarn roller
ROLLING-DOWN-MACHINE OPERATOR
pleating-machine operator
pull-down man
swing-folding-machine operator
unrolling-machine operator
ROLLING-MACHINE OPERATOR
rolling-machine tender
ROPE CLEANER
ROPE-SILICA-MACHINE OPERATOR
silicate-washer tender
ROPE-SOAPING-MACHINE OPERATOR
continuous-washer operator
ROTO CONER
ROVING SIZER
ROVING STOCKMAN
ROVING-WEIGHT GAGER
SALVAGE WINDER
SAMPLE CLERK I
SAMPLE CLERK II
SAMPLE CUTTER
SAMPLE GIRL
SAMPLE INSPECTOR
SAMPLE-ROOM SUPERVISOR
sample supervisor
SAMPLE WEAVER
SANFORIZE TESTER
cloth-shrinking tester
wash-test checker
SANFORIZING-MACHINE OPERATOR
cloth Sanforizer
Sanforizer operator
SANFORIZING-MACHINE-OPERATOR HELPER
SCALLOP TRIMMER
SCHREINER-EMBOSSER OPERATOR
SCOURED-WOOL TESTER
SCOURING FOREMAN
SCOURING-TRAIN OPERATOR
scouring-machine operator
SCREEN PRINTER
silk-screen printer
SCREEN-PRINTING-MACHINE OPERATOR
automatic-silk-screen printer
SCUTCHER TENDER
cloth opener, hand
SECOND HAND
SECTION HAND
section boss
section man
third hand
SECTION MAN I
SECTION MAN, CARDS
SECTION MAN, DRAWING AND COMBERS
SECTION MAN, OPENING AND PICKING
SECTION MAN, ROVING FRAMES
SECTION MAN, SPINNING
SECTION MAN, WINDING AND TWISTING
SELVAGE-MACHINE OPERATOR
SEWING-MACHINE OPERATOR
SHADE MATCHER
general matcher
stack matcher
strip shader
tear-down matcher
SHEAR-GRINDER OPERATOR
SHEAR-GRINDER-OPERATOR HELPER
SHEARING-MACHINE OPERATOR
SHEET CLEANER
SHEET CUTTER
SHEET FOLDER
SHEET INSPECTOR
SHEET PRESSER
press-ticket girl
press-transfer girl
SHEET SEWER
SHUTTLE FIXER
shuttle inspector
shuttle man
SHUTTLE HAND
magazine hand
shuttle filler
shuttle threader
SILK BEAMER
SILK BRUSHER
SILK-CREPE-MACHINE OPERATOR
SILK EXAMINER
SILK FOLDER
SILK SPREADER
spreading-machine operator
SINGER
gasser
gas singer
singeing-machine operator
SINGER BACK-TENDER
SINGE WINDER
SIZE MAKER
SIZER II
starcher
SIZING-MACHINE TENDER
SKEIN BANDER
SKEIN WINDER
coner
spooler
swifter
swift tender
SKEIN-YARN DRIER
drying-machine operator
dry-room man
steam-drier operator
yarn-dry-room worker
SKEIN-YARN DYER
dye-machine tender
kettleman, stock dye
kettleman, yarn dye
kettle tender
pilot
yarn dyer
SKYING WATCHER
scaffold man
SLASHER TENDER
sizer
SLASHER-TENDER HELPER
sizer helper
SLIVER-LAP-MACHINE TENDER
carding doubler
lap regulator
lap-winding-machine operator
sliver-lap-winding operator
SLUBBER DOFFER
SLUBBER TENDER
intermediate-slubber tender
slubber
slubber hand
SMASH HAND
smasher
smash fixer
smash mender
smash piecer
SOAKER
shrinker
woolen-suiting shrinker
SOAPING-DEPARTMENT FOREMAN
SOAPING-MACHINE BACK, TENDER
SOAP MIXER
SOAP RECLAIMER
SORTING-AND-MIXING FOREMAN
SOUR-BLEACHING PLEATER
SPECK DYER
defective-cloth colorinker
inker
painter, cloth
printed-cloth touch-up man
repairer
SPECKER
SPEEDER TENDER
fine-frame tender
fly-frame tender
intermediate-frame tender
jack-frame tender
roving-frame tender

SPINDLE PLUMBER
spindle setter
spindle tester
SPINNER, CAP FRAME
SPINNER, FRAME
filling spinner, frame
frame operator
spinner, japanese frame
spinning-frame tender
warp spinner, frame
weft spinner, frame
SPINNER, MULE
SPINNER, RING FRAME
SPINNING DOFFER
SPINNING-FRAME FIXER
SPIRAL-DYE-BECK TENDER
beck-dyeing-machine operator
SPLICING-MACHINE OPERATOR
splicer
SPLICING-MACHINE OPERATOR, AUTOMATIC
automatic-splicing-machine operator
SPLITTER
SPOOLER OPERATOR, AUTOMATIC
SPOOL WINDER I
SPRAY-MACHINE OPERATOR
STAPLER CUTTER
chopper feeder
sliver chopper
stock cutter
waste chopper
STAPLE-PROCESSING-MACHINE OPERATOR
attenuator
STARCH-MANGLE TENDER
STEAMER OPERATOR
STEAMER TENDER
cloth steamer
cottage steamer
pressure-steamer tender
steamer finisher
turner-steamer tender
STEAM GIGGER
STEAM-PAN SPONGER
STENCIL-MACHINE OPERATOR
STOCK MIXER
batcher
lay-out man
lot man
STRETCH-BOX TENDER
STRIKE-OFF-MACHINE OPERATOR
STRIKE-OUT-MACHINE OPERATOR
tiger-machine operator
STROBOSCOPE MAN
stroborama man
strobotac man
SUPERLOFT-TWISTER TENDER
SWATCH CHECKER
TACKER I
doubler
TACKING-STITCH REMOVER
TAILING-MACHINE OPERATOR
TASLAN-MACHINE OPERATOR
TEACHER
instructor
overseer
TENTER-FRAME BACK-TENDER
TENTER-FRAME FEEDER
TENTER-FRAME OPERATOR
cloth stretcher
drier tender
drying-frame operator
drying-machine tender
TENTER-FRAME OPERATOR—Continued
frame-machine operator
framing-machine tender
hot-frame tender
open-tenter operator
pin-tenter operator
steam-frame operator
stretcher
tenter-frame feeder
tentering-machine operator
THREAD WINDER, AUTOMATIC
spool winder
TICKETER
cloth tagger
label girl
ticket maker
TIN-WHIZ-MACHINE OPERATOR
whiz-machine operator, weighting
TIRE-FABRIC INSPECTOR
TOP-DYEING-MACHINE LOADER
dye-machine-tender helper
kettle-tender helper
TOP-DYEING-MACHINE TENDER
TOWEL INSPECTOR
TOWEL SEWER
TRAVELER CHANGER
TUBE CLEANER
TUBE HANDLER
TWISTER DOFFER
TWISTER-IN
tier-in
twister
warp twister
TWISTER TENDER
beam-twister tender
cable-twister operator
downtwister
filling-twister tender
twister spinner
twisting-frame operator
twisting operator
warp-twister tender
yarn doubler
TUB WASHER
TWISTING-FRAME FIXER
UNIFIL TENDER
UPTWISTER TENDER
uptwist spinner
UTILITY-MAN, WOOLEN MILL
VACUUM-TANK TENDER
VIGOUREUX PRINTER
VOEKLER-PRESS OPERATOR
steam-press operator
WARP BOY, SORTING
cone boy, sorting
yarn man, warping
WARP COILER
coiler man
coiler tender
dyeing-machine back tender
WARP-DYEING-VAT TENDER
clutchman
continuous-yarn-dyeing-machine operator
long-chain-dyeing-machine operator
WARP SPOOLER
jackspooler
spooler
WARP-TENSION TESTER
tension checker
WARP-TYING-MACHINE TENDER
knotting-machine operator, portable
knot-tying operator
power-tying-machine operator
tie-in man
tying-in-machine operator
warp-tying-machine knotter
WASTE HAND
WASTE-MACHINE TENDER
cotton-waste cleaner
roving-waste-machine man
waste-cotton cleaner
waste duster
willow-machine operator
willow-machine tender
wooling man
WATER-MANGLE TENDER
WATERPROOFING-MACHINE OPERATOR
WATERPROOFING MIXER
WAXING-MACHINE OPERATOR
WAXING-MACHINE OPERATOR, FABRIC
finishing-machine tender
waxing-and-brushing-machine tender
WEAVER
loom operator
weaver, broadloom
WEAVER APPRENTICE
loom-operator apprentice
WEAVER, DOBBY LOOM
WEAVER, HAND
endless-belt finisher
splicer
WEAVER, TIRE CORD
WEAVING FOREMAN
WEAVING INSPECTOR
cloth inspector
loom inspector
WEFT STRAIGHTENER
WEIGHT-YARDAGE CHECKER
WET-COTTON FEEDER
WHITE-WASHER PILER
WINDER FIXER
WINDER OPERATOR, AUTOMATIC
WOOLENS EXAMINER
WOOL MIXER
WOOL OPENER AND DUSTER
duster operator
WOOL-PICKER OPERATOR
WOOL SORTER
wool grader
WOOL-WASHING-MACHINE OPERATOR
WORSTED WINDER
YARDAGE CALLER
broad-cloth caller
lot closer
YARN-BLEACHING-MACHINE OPERATOR
YARN-CONDITIONING SPRAYER
size-yarn man
YARN EXAMINER
cone inspector
filling inspector
YARN EXAMINER—Con.
finished-yarn examiner
quill inspector
yarn inspector
YARN EXAMINER, SKEINS
finished-yarn examiner
skein examiner
skein inspector
yarn examiner, shipments
yarn inspector
YARN-MERCERIZER OPERATOR I
hanger man, yarn mercerizing
mercerizer
mercerizer-machine operator
skein-mercerizing-machine operator
YARN-MERCERIZER OPERATOR II
mercerizer
mercerizer-machine operator
YARN-MERCERIZER-OPERATOR HELPER
YARN POLER
poler
YARN-POLISHING-MACHINE OPERATOR
brush-polishing-machine operator
glazer
glazing-machine operator
polishing-and-dyeing-machine operator
yarn-finishing-machine operator
YARN SOAKER
YARN-SOAKER HELPER
YARN SORTER
cabin man
filling separator
filling sorter and hauler
soft-waste handler
yarn dumpman
YARN TESTER
YARN-TESTING WEIGHMAN
break tester
filling inspector
test boy
yarn sizer
yarn-strength tester
yarn-weight tester
YARN-TEXTURING-MACHINE OPERATOR (synthetic fibers; textile)
crimping-machine operator
YARN-TEXTURING-MACHINE OPERATOR I
YARN-TEXTURING-MACHINE OPERATOR II
bulking-machine operator
YARN-WASHING-AND-BLEACHING-MACHINE OPERATOR
bleacher
dye-house helper
dyer helper
washing-and-bleaching-machine operator
yarn scourer, machine
YARN-WASHING-AND-BLEACHING-MACHINE-OPERATOR HELPER

tinware—TIN CAN AND OTHER TINWARE INDUSTRY: This industry includes occupations in the manufacture of tin cans and such other tinware as pails and washtubs, except pressed tinware.

ASSEMBLY FOREMAN
AUTOMATIC STACKER
BAG SEALER
BODY MAKER
BODY-MAKER-MAINTENANCE MAN
CAN-REFORMING-MACHINE OPERATOR
CAN STACKER
CLEANER
COATER-MACHINE OPERATOR
coater man
COATER OPERATOR
lining-machine operator
COMPOUND-COATING-MACHINE OFF-BEARER
end packer
COMPOUND MIXER
coating mixer
DOPER OPERATOR
INSPECTOR, TIN CAN
can-line examiner
tin-can inspector
LABORER, TIN CAN
LITHOGRAPHED-PLATE INSPECTOR
LITHOGRAPH PRESSMAN, TINWARE
NAILER
PAIL BAILER
bail attacher
kinker
snapper-on
PRESS FEEDER
PRODUCTION MECHANIC, TIN CANS
SEAMING-MACHINE OPERATOR
SIDE-SEAM TENDER
SLITTER-DEPARTMENT STOCKMAN
SPOILAGE GIRL
can-repair girl
SPRAY-MACHINE TENDER
STOCKMAN, TINPLATE
TESTING-MACHINE OPERATOR
can tester
pail tester
TIN STACKER

tobacco—TOBACCO INDUSTRY: This industry includes occupations concerned with the stemming of tobacco and the manufacture of cigarettes, cigars, chewing tobacco, smoking tobacco, and snuff. The manufacture of cigarettes from vegetable substances also is covered by this designation.

AUTO ROLLER
BAG-FILLER-MACHINE OPERATOR
BAG-TOBACCO-BUNDLING-MACHINE OPERATOR
BALE CAPPER
BANDER-AND-CELLOPHANER HELPER, MACHINE
banding-and-cellophane-wrapping-machine-operator helper
BANDER-AND-CELLOPHANER, MACHINE
BANDER, HAND
cigar bander, hand
BINDER-AND-WRAPPER PACKER
BINDER CASER
BINDER CUTTER, HAND
filler-leaf cutter, long
BINDER LAYER
BINDER SELECTOR
binder sorter
BINDER STRIPPER, HAND
BINDER STRIPPER, MACHINE
BIN FILLER
bin packer
leaf binner
leaf tinner
BLADDER PACKER, HAND
snuff-bladder packer
BLENDER
granulating blender
leaf blender
BLENDER LABORER
BLENDER, SNUFF
BLENDING-LINE ATTENDANT
BOOKING PRIZER
BULKER
BULKER, CUT TOBACCO
BULL-GANG FOREMAN
BULL-GANG MAN
load-out man
roller
roll-out man
storage man
BUNCH MAKER, HAND
binder
binder roller
bunch breaker
buncher, hand
BUNCH MAKER, MACHINE
binder
bunch-breaker-machine operator
buncher, machine
bunch maker, hand-operated machine
short-filler-bunch-machine operator
shredded-filler buncher
shredded-filler-bunch maker, machine
shredded-filler-machine binder-layer
BUNDLE PICKER
BURLEY CLASSER
BURLEY-SCRAP STEMMER, HAND
BUTT MAKER
CAN FILLER
CAN-FILLING-MACHINE OPERATOR
CAN INSPECTOR
CAN TURNER
CARTON-FORMING MACHINE ADJUSTER
brightwood adjuster
CARTON INSPECTOR
carton searcher
CARTON NESTER
carton catcher
CARTON-PACKAGING-MACHINE OPERATOR
packing-machine inspector
CASE-PACKING-AND-SEALING-MACHINE OPERATOR, AUTOMATIC
container-packer operator
CASING-AND-CUTTING-MACHINES ADJUSTER
CASING-FLUID TENDER
flavoring maker
CASING-MACHINE OPERATOR
flavoring-machine operator
overshot operator
tobacco flavorer
CASING-MATERIAL WEIGHER
casing mixer
flavor man
top flavor attendant

tobacco—continued

CATCHER, FILTER TIP
catcher, plug
CHEWING PACKER, HAND
CIGAR BRANDER
CIGARETTE-AND-FILTER CHIEF INSPECTOR
CIGARETTE-BOXING-MACHINE OPERATOR
boxer operator
CIGARETTE-FILTER-MAKING-MACHINE OPERATOR
plug-making operator
CIGARETTE INSPECTOR
catching inspector
cigarette examiner
cigarette-making examiner
making inspector
weigh girl
CIGARETTE-MAKING-MACHINE ADJUSTER
CIGARETTE-MAKING-MACHINE CATCHER
catcher
cigarette-and-assembly-machine inspector
examiner
making-machine catcher
CIGARETTE-MAKING-MACHINE-HOPPER FEEDER
hopper feeder
hopper filler
making-machine feeder
CIGARETTE-MAKING-MACHINE OPERATOR
cigarette-and-assembly-machine operator
making-machine operator, filter
CIGARETTE-PACKAGE EXAMINER
cellophane-wrapping examiner
package reinspector
packing-machine inspector
CIGARETTE PACKER, HAND
CIGARETTE-PACKING-AND-WRAPPING MACHINE ADJUSTER
CIGARETTE-PACKING MACHINE ADJUSTER
CIGARETTE-PACKING-MACHINE OPERATOR
packaging operator
packer operator
CIGARETTE-PAPER CUTTER
CIGARETTE SALVAGER
returned-goods reworker
CIGARETTE TESTER
tester operator
CIGAR-HEAD PIERCER
cigar-head holer
cigar-head pegger
cigar-head perforator
cigar-head puncher
cigar-head stringer
CIGAR INSPECTOR
cigar-packing examiner
final-cigar-and-box examiner
final-cigar-making inspector
final examiner
CIGAR-MACHINE-UNIT FOREMAN AND ADJUSTER
cigar-machine-unit inspector and adjuster
CIGAR MAKER
finished-cigar maker

CIGAR MAKER—Con.
out-and-out cigar maker, hand
stogie maker, hand
CIGAR MAKER, LONG-FILLER MACHINE
CIGAR-MAKING-MACHINE MECHANIC
CIGAR PACKER
cigar packer and grader
cigar packer and picker
cigar packer and shader
cigar packer and sorter
cigar sorter
CIGAR-PACKER HELPER
cigar-box stacker
CIGAR-STOCK WEIGHER
CIGAR-TOBACCO REHANDLER
CLOTH-BAG TIER
CONTROLLER ADJUSTER
service engineer
CONVEYOR TENDER
bulker discharge attendant
cutting-machine-hopper feeder
feeder operator
shredding-machine loader
COOKER, CASING
cook-and-dip man
flavor maker
COOLER OPERATOR
cooling-machine worker
CUT-PLUG PACKER
CUTTING-MACHINE MECHANIC
CUT-TOBACCO CATCHER
CYLINDER-DRIER FEEDER
DAMAGED-TOBACCO PICKER
DEFECTIVE-CIGARETTE SLITTER
ripper operator
slitting-machine feeder
DEPARTMENT INSPECTOR
DOMESTIC DRESSER
DRESSING-MACHINE CATCHER
DRESSING-MACHINE OPERATOR
redresser operator
DRIER FEEDER
DRUM REPAIRMAN
DRY-FLAVORING MAN
dry-flavoring-machine operator
DRYING-MACHINE CATCHER
DRYING-ROOM ATTENDANT
dry-house man
drying-room man
EMPTY-HOGSHEAD WEIGHER
EXPORT PACKER
FIBER-BOX REPAIRER
FILLER FEEDER
FILLER MAN
curing-room man
filler-room attendant
FILLER MIXER
filler blender
scrap preparer
FILLER PICKER
FILLER-SHREDDER HELPER
filler-shredding-machine loader
filler-sifter helper
FILLER SHREDDER, MACHINE
filler-shaker operator
filler-shredding-machine operator

FILLER SHREDDER, MACHINE—Continued
filler sifter, machine
scrap cutter, machine
shredded-filler-cutter operator
FILLER SPREADER
FILLER STRIPPER
FILLER STRIPPER, HAND
FILTER-CIGARETTE-MAKING-MACHINE OPERATOR
FILTER-MACHINE OPERATOR
FINE-SCRAP SEARCHER
FLOORMAN I
floor hand
FLOORMAN II
catcher
chute feeder
conveyor feeder
feeder
forker
hole feeder
hopper feeder
set-off man
tobacco forker
FOIL-PACKING-MACHINE OPERATOR
FOREMAN
FOREMAN, CIGARETTE-FILTER MAKING DEPARTMENT
FOREMAN, CIGARETTE-MAKING DEPARTMENT
FOREMAN, CIGARETTE-PACKING DEPARTMENT
FOREMAN, CURING ROOM
FOREMAN, LUMP ROOM
foreman, rolling room
FOEMAN, STEMMING DEPARTMENT
FOREMAN, THRESHING DEPARTMENT
FOREMAN, TIPPING DEPARTMENT
FRESH-WORK INSPECTOR
racker
selector
table inspector
FROG SHAKER
GRANULATED-TOBACCO-PACKING-MACHINE OPERATOR
GRANULATED-TOBACCO SCREENER
GRANULATING-MACHINE OPERATOR
granulator operator
GREEN-PRIZE PACKER
GUM OPENER
plug chest handler
GUM PACKER
boxer
gum boy
HANDS PACKER
HANDS UNTIER
bundles opener
widener, hand
HANGER
bundles hanger
hands hanger
HEAD ADJUSTER
HOGSHEAD DUMPER
dumper
HOGSHEAD INSPECTOR
HOGSHEAD OPENER
hogshead hand
hogshead stripper
hogshead unpacker
hogshead wrecker
strip-up man
HOGSHEAD-STOCK CLERK
HOGSHEAD WEIGHER
prize weigher
weigher
HUMIDIFIER ATTENDANT
drosophere man
humidifier-maintenance man

HUMIDIFIER ATTENDANT—Continued
humid-system operator
HYDRAULIC-PRESS OPERATOR
hogshead-press operator
pressman
prize jacker
transfer man
INSPECTOR, FILTER TIP
inspector, plug seam
KNIFE CHANGER
knife setter
shredding-machine-knife changer
LABELED-CONTAINER-DRIER FEEDER
LABEL-SLITTING-MACHINE OPERATOR
LEAF CONDITIONER
caser
casing wetter
cellarman
conditioner
preparing hand
tobacco conditioner
tobacco curer
tobacco dipper
water caser
LEAF-CONDITIONER HELPER
caser helper
cellarman helper
floor boy, leaf
LEAF SAMPLEMAN
sample inspector
LEAF-SIZE PICKER
hands-size sorter
LEAF SORTER
selector
wrapper-leaf inspector
LEAF-STORAGE STACKER
case stacker
LEAF WEIGHER
LINE-OUT MAN I
head-out man
hogshead liner
LINE-OUT MAN II
LUMP GREASER
LUMP INSPECTOR
lump receiver
LUMP-MACHINE OPERATOR
chewing-plug-machine operator
LUMP-TOBACCO SPRAYER
LUMP WRAPPER, HAND
capper
nip wrapper
plug capper
plug wrapper
MACHINE ADJUSTER
repairman
MACHINE-OPERATOR SUPERVISOR
MARKER, COMPANY
embossing clerk
sales-ticket man
MASHING HAND
cheese former
knock-out man
masher hand
masher operator, hydraulic
plug-press operator, hydraulic
plug-weigh-off hand
prize hand
shape feeder
shape hand
MOISTURE-METER OPERATOR
tag-meter operator

MOLD PRESSMAN
mold carrier
stock boy, mold presser
NICOTINE EXTRACTOR
ORDERING-MACHINE CATCHER
ORDERING-MACHINE FEEDER
ORDERING-MACHINE OPERATOR
conditioning-machine operator
drum-gill ordering man
ordering-box operator
reordering man
steam-box tender
steamer
OVEN TENDER
PACKAGE TRAY-UP GIRL
PACKAGING-MACHINE-SUPPLIES DISTRIBUTOR
PACKER I
carton filler
case packer
case sealer
pack-up boy
PACKER FEEDER
packer hopper feeder
PACKER OPERATOR, AUTOMATIC
press operator, automatic
PACKING-FLOOR BOY
PACKING-MACHINE ADJUSTER
PACKING-MACHINE BAG FEEDER
bag feeder
packing-machine operator
smoking-tobacco-packing-machine skinner
PACKING-MACHINE CAN FEEDER
can feeder
tin-can feeder
tin girl
PACKING-MACHINE FEEDER
PACKNG-MACHINE-PILOT CAN ROUTER
pilot can router
PAPER CUTTER
cutting-machine operator
paper-cutting-machine operator
stamp cutter
supply man
PAPER LINER
PATCH WORKER
cigar patcher
patcher
reroller, hand
PICKER
lamina searcher
scrap picker
searcher
table woman
PLUG-CUTTING-MACHINE OPERATOR
cutting-machine feeder
plug-cutter
plug-cutting-and-wrapping-machine operator
PLUG-FILLER MIXER
PLUG FORMER, MACHINE
PLUG MOLDMAN
plug-press man
plug prizer
pressman, hand

PLUG REMOVER
PLUG SHAPER, HAND
shape hand
PLUG SHAPER, MACHINE
PLUG TAGGER
tagger
POTTER
chewing-twist prizer
pot-mill packer-and-wrencher
twist-or-plug potter
POUCH-MAKING-MACHINE OPERATOR
pack maker, machine
pouch-labeling operator
PRESS FEEDER
PRIZER
hogshead filler
hogshead packer
loose-hand packer
packer
RACK-OFF MAN
stick feeder
RECEIVING WEIGHMAN
receiving clerk
weighman
REDRESSING-MACHINE OPERATOR
REDRYING-MACHINE FEEDER
REDRYING-MACHINE OPERATOR
drier operator-foreman
tobacco drying-machine operator
REJECT OPENER
reject opener and filler
RELIEF GIRL
packing-machine relief-operator-and-salvager
utility hand
RE-SEARCHER
RESERVE OPERATOR
REVENUE-STAMP CUTTER
RIDDLER CLEANER
RIDDLER OPERATOR
screenman
sieve operator
sifter
tobacco cleaner
tobacco-sieve operator
ROLLER, HAND I
cigar roller
suction-plate roller, hand
suction roller
wrapper, hand
ROLLER, HAND II
ROLLER, VACUUM TABLE
SACK WEIGHER
SAND-SCREEN OPERATOR, AUTOMATIC
sand-reel operator
shaker operator
SARATOGA FILLER
cutting boxer
SCRAP-BUNCH MAKER
SCRAP SORTER I
SCRAP SORTER II
scrap cleaner
scrap picker
scrap searcher
scrap spreader
SCRAP STRIPPER, HAND
SEED AND HAVANA-SCRAP PREPARER
SEPARATOR FEEDER
SHAKER
bundle shaker
filler opener
filler shaker
hand shaker
tobacco shaker
SHAKER FEEDER
SHAPE GREASER
SHAPE PACKER
SHORTS FEEDER

SHORTS PICKER
SHORTS SIFTER
SHREDDED-FILLER HOPPER-FEEDER
SKINNER
SLICE-PLUG-CUTTER OPERATOR
cheese cutter
slice-cutting-machine operator
tobacco cutter
SLICE-PLUG-CUTTER-OPERATOR HELPER
slice-cutting-machine-operator helper
SMOKING-TOBACCO-CUTTER OPERATOR
tobacco cutter
SMOKING-TOBACCO PACKER, HAND
SMOKING-TOBACCO-PACKING-MACHINE HAND
SNUFF-BLENDING-MACHINE OPERATOR
snuff mixer
SNUFF-BLENDING-MACHINE-OPERATOR HELPER
blended-snuff sacker
snuff-flour sacker
SNUFF-BOX FINISHER
SNUFF-CAN ROLLER
can roller
can-roll taper
SNUFF CASER
SNUFF-CONTAINER INSPECTOR
SNUFF DRIER
SNUFF DUMPER
hopper feeder
SNUFF GRINDER
snuff miller
SNUFF-PACKING-MACHINE LID-FEEDER
SNUFF-PACKING-MACHINE OPERATOR
SNUFF SCREENER
snuff bolter
SNUFF-TUMBLER TOPPER
tumbler topper
SPREADER
twist spreader
SPREADER OPERATOR, AUTOMATIC
strip feeder
STEMMER, HAND
dropped-leaf stemmer
filler stemmer, hand
leaf stemmer, hand
sprigger
stripper, hand
tobacco stripper, hand
wrapper stemmer, hand
STEMMER, MACHINE
booker
stemmer
stripper, machine
stripper-machine operator
stripping-and-booking-machine operator
stripping-machine operator
tobacco stemmer, machine
tobacco-stripping-machine operator
wrapper-stemmer operator
STEMMING-MACHINE FEEDER
STEM PACKER
STEM PICKER
STEM-ROLLER-OR-CRUSHER OPERATOR
crusher operator
roller operator
STEM WEIGHER
STICKMAN
STOCK BOY, BUNCH TRIMMER
STOGIE PACKER
STRIP-CUTTING-MACHINE FEEDER
STRIP-CUTTING-MACHINE OPERATOR
cutting-machine operator
shredding-machine operator
tobacco cutter
STRIP PICKER
STRIPPING-MACHINE MECHANIC
STRIP SEARCHER, MACHINE
STRIP WALKER
STRIP WEIGHER
SUCTION-PLATE-CARRIER CLEANER
carrier blower
carrier washer
SUGAR-MILL OPERATOR
SUMATRA CASER
SUMATRA OPENER
TABLE HAND
TAKE-OFF-AND-FEED MAN, SNUFF CANS
TEXTILE-DRIER-OVEN FEEDER
THRESHER
stem-cleaning-machine feeder
stem-threshing-machine operator
threshing-machine operator
THRESHING-MACHINE-CONVEYOR FEEDER
TICKET PULLER
TIN-CONTAINER STRAIGHTENER
tin salvager
TIN-PLATE CLEANER
TIP-LENGTH CHECKER
tip tester
TIPPING-MACHINE FEEDER
TOASTER OPERATOR
TOBACCO BALER
TOBACCO-DRIER OPERATOR
drying-oven tender
TOBACCO GRADER
grader
regrader
stripper
tobacco sizer
tobacco sorter
TOBACCO-HANDS DROPPER
hander
leaf-tobacco hander
TOBACCO PACKER
TOBACCO-PACKING-MACHINE OPERATOR
packing-and-stamping-machine operator
packing-machine operator
TOBACCO RACKER
leaf-rack man
TOBACCO-SAMPLE PULLER
moisture-test puller
sample puller
test puller
TOBACCO-SCRAP SIFTER
TOBACCO SORTER, FLUE CURED
TOBACCO-STEM-DRIER OPERATOR
TOBACCO-WRAPPER
foiler, hand
odd-size-package wrapper
TOBY MAKER
TRAY FILLER
packing presser
tray packer
TUMBLER UNPACKER
carton opener, snuff glasses
TURKISH DRESSER
TURKISH-LINE ATTENDANT
TURKISH PICKER
turkish searcher
turkish-tobacco picker
TURKISH WEIGHER
TWISTER, HAND
hand roller
tobacco roller
twist maker
TWIST PACKER
TWIST TAGGER
TWIST-WRAPPER WEIGHER
UTILITY MAN, EXPORT DEPARTMENT
VACUUM-CONDITIONER OPERATOR
conditioner operator
vacuum operator
VIRGINIA-LINE ATTENDANT
WEASAND PACKER, MACHINE
WEASAND PILER
WEASAND VARNISHER
WEASAND WASHER
WEIGH-BELT OPERATOR
WEIGHER I
scaleman
scale operator
weigh-off man
WEIGHER, MASHER HAND
WRAPPER CASER
WRAPPER COUNTER
WRAPPER-HANDS SPRAYER
tobacco sprayer
WRAPPER LAYER
fresh-work wrapper-layer
long-filler-cigar roller, machine
WRAPPER-LAYER-AND-EXAMINER, SOFT WORK
scrap-filler-cigar roller, machine
shredded-filler cigar-maker, machine
shredded-filler-machine wrapper-layer
soft-work-cigar-machine operator
WRAPPER OPENER
WRAPPER PICKER
classer
classer, bright leaf
classer, dark
WRAPPER SELECTOR
wrapper sizer
wrapper sorter
WRAPPER STRIPPER
WRAPPER STRIPPER, HAND
WRAPPER WEIGHER
WRAPPING-MACHINE ADJUSTER
WRINGER OPERATOR
casing-wringer operator
wrapper dipper
wringer man
X-RAY INSPECTOR
fluoroscope operator

toys & games—TOYS, GAMES, AND PLAYGROUND EQUIPMENT INDUSTRY: This industry includes occupations in the manufacture of apparatus for games, toys of all kinds, children's vehicles, baby carriages, and related products, exclusive of sporting and athletic goods which are included under the SPORTING AND ATHLETIC GOODS INDUSTRY (sports equip.); rubber dolls and related toys are included in the RUBBER GOODS INDUSTRY (rubber goods).

ASSEMBLER, TOY VOICES
BRUSHER
CLOSER
DECORATOR, HAND
DICE MAKER
DICE SPOTTER
DIE-CASTING-MACHINE OPERATOR
DOLL-EYE SETTER
DOLL FINISHER
DOLL GRINDER
DOLL JOINER
FINISHER, HAND
FOREMAN, PAINT
FOREMAN, PLASTICS
FOREMAN, TOY ASSEMBLY
HOOK LOADER
INSPECTOR, METAL TOYS
LAY-UP MAN
MARKER
MOLD FILLER, PLASTIC DOLLS
plastisol filler
MOLD STRIPPER, PLASTIC DOLLS
plastisol stripper
OVENMAN, PLASTIC DOLLS
PAINT-LINE OPERATOR
PUPPETEER
toymaker
PUZZLE ASSEMBLER
REAMER
ROLLER OPERATOR
SEWING-MACHINE OPERATOR
STUFFED-TOY DESIGNER
STUFFED-TOY JOINER
STUFFER
blower
toy stuffer
TOY ASSEMBLER, METAL
TOY ASSEMBLER, PLASTIC
TOY ASSEMBLER, WOOD
TOY DESIGNER
WHEEL ASSEMBLER, BABY CARRIAGE

trans. equip.—TRANSPORTATION EQUIPMENT (N.E.C.) INDUSTRY: This designation includes occupations concerned with the manufacture of transportation equipment not elsewhere classified, such as mobile homes, travel trailers for attachment to passenger cars, horse-drawn vehicles (carriages, sleighs, and sleds) and parts, wheelbarrows, handcarts, and pushcarts.

APPLIANCE INSTALLER
ASSEMBLY FOREMAN
BODY WIREMAN
CABINET-AND-TRIM INSTALLER
CABINET ASSEMBLER
DOOR ASSEMBLER
DOOR INSTALLER
FINAL-FINISH FOREMAN
FLOOR FINISHER
FLOOR FRAMER
FOREMAN, MOBILE HOMES
FRAMER
assembler, mobile home
METAL HANGER
MILLROOM FOREMAN
MOBILE-HOME INSTALLER
final finisher
MOBILE-HOME REPAIRMAN
ROOF FRAMER
ROOF-PANEL HANGER
SERVICEMAN, HOUSE TRAILERS
SHELLER
SIDE FRAMER
SIDE-PANEL HANGER
UTILITY MAN
WHEEL ASSEMBLER
WINDOW INSTALLER

trim. & stamp. art goods—TRIMMINGS AND STAMPED ART GOODS INDUSTRY: This industry embraces occupations in the manufacture of bias binding, crocheted goods, dress and coat trimmings, hemstitching, millinery trimmings, pleating, stamped art goods for embroidery, and tucking.

AIR TUCKER
APPLIQUE CUTTER
BALL-FRINGE-MACHINE OPERATOR
BIAS-BINDING CUTTER
BIAS-CUTTING-MACHINE OPERATOR
BIAS-TAPE-TUBING SEWER
BLOCKER
BONNAZ-MACHINE OPERATOR
CARDING-MACHINE OPERATOR
CORDEDGE-MACHINE OPERATOR
CORDER
CREST-PATTERN MAKER AND SEWER
EMBROIDERER, HAND
decorator, hand
hand embroiderer
EMBROIDERY DESIGNER
FINISHER
examiner
trimmer
FLOOR GIRL
pinner
FOREMAN, PLEATING
FOREMAN, STITCHING DEPARTMENT
HEMSTITCHING-MACHINE OPERATOR
hemstitcher
MENDER
MOLDER, SHOULDER PAD
NAILHEAD SETTER
ORNAMENT SETTER
nailhead puncher
stud setter
PASSEMENTERIE WORKER
fringer, hand
sewer, hand
PATTERN RULER
PLEATER, HAND
PLEAT PATTERNMAKER
PLEAT TAPER
QUILTING-MACHINE OPERATOR
stitcher
RHINESTONE SETTER
ROSETTE-MACHINE OPERATOR
ribbon-looping-machine operator
RUFFLER
RUF-SPOOLING-MACHINE OPERATOR
SEWING-MACHINE OPERATOR
plain stitcher
SHIRRING-MACHINE OPERATOR
shirrer
SPOOLING-MACHINE OPERATOR
winding-machine operator
STAMPER
STEAM BOY
TAPE-CUTTING-MACHINE OPERATOR
TAPE-FOLDING-MACHINE OPERATOR
bias-binding folder
TASSEL-MAKING-MACHINE OPERATOR
THERMOELECTRIC-HEAT-SEALING-MACHINE OPERATOR
TINSELER
TRIMMING SEWER, AUTOMATIC
TUCKING-MACHINE OPERATOR
corder
cording-machine operator
graduate tucker
pleater
ruching-machine operator
VEIL DOTTER
WAIST PLEATER

turp. & rosin—TURPENTINE AND ROSIN INDUSTRY: Included in this industry are occupations concerned with gathering resin in the forest and producing gum turpentine and rosin from the distillation and refinement of the resin. The production of wood turpentine by destructive distillation and steam distillation of wood is included under the WOOD DISTILLATION AND CHARCOAL INDUSTRY (wood distil. & charc.).

BOX CUTTER
BOX PULLER
CHIPPER
CUPPER AND TINNER
tinner and cupper
DECKHAND I
still hand
still helper
DECKHAND II
still hand
still helper
DIPPER
DISTILLER
stiller
still tender
DISTILLER—Continued
turpentine maker
FACE CUTTER
GATHERER
GUM GRADER
RAKER
ROSIN-BARREL MAN
SCRAPE GATHERER
SLICER
SPIKER
spikeman
TURPENTINE FARMER
WOODSMAN
WOODS RIDER

type founding—TYPE FOUNDING INDUSTRY: Included in this industry are occupations concerned with the production of metal type, brass rules, leads, and slugs.

CASTING-MACHINE OPERATOR
caster operator
monotype caster
type caster
LETTERER
raiser
sketcher
MATRIX INSPECTOR
METAL MAN
furnaceman
handyman
remelter
MONOTYPE-KEYBOARD OPERATOR
composing-machine operator
monotype operator
PAGER

typewriters & parts—TYPEWRITERS AND PARTS INDUSTRY: This industry includes occupations in the manufacture and the factory rebuilding of typewriters and the manufacture of typewriter parts and attachments.

ADJUSTER
corrector
final adjuster and repairman
repairer
ALINER
aliner, typewriter
ASSEMBLER
assembler-adjuster
ASSEMBLER, ADDING MACHINE
ASSEMBLER, ELECTRIC TYPEWRITER
ASSEMBLER, STANDARD TYPEWRITER
ASSEMBLER, TYPE-BAR-AND-SEGMENT
CLEANER-TOUCH-UP MAN
touch-up man
COUNTER-WEIGHER
parts control man
scaleman
verifier
FEEDER, MULTI-PURPOSE MACHINE
FITTER, TYPE BAR
FOREMAN
FOREMAN, ALINING
FOREMAN, FINAL ASSEMBLY
FOREMAN, TYPE
FORMER, TYPE BAR-AND-SEGMENT
FUNCTIONAL TESTER, TYPEWRITERS
INSPECTOR, ALINING
alining checker
INSPECTOR, AUTOMATIC TYPEWRITER
INSPECTOR, CONVEYOR OR PUSH LINE
INSPECTOR, FINAL ASSEMBLY-CONVEYOR LINE
INSPECTOR, FLOOR SUB-ASSEMBLY
INSPECTOR, PARTS COMPLAINT
INSPECTOR, PURCHASED PARTS
INSPECTOR, SAMPLE-WRITER-AND-ALINEMENT MARKER
INSPECTOR, STATION ASSEMBLY-CONVEYOR LINE
INSPECTOR, TYPE
INSPECTOR, TYPEWRITER ASSEMBLY AND PARTS
inspector, manufactured parts
inspector, mechanical
KEY INLAYER
KEY RINGER
PAINT INSPECTOR, HEAD
PLATEN GRINDER
grinder
grinding-machine operator
QUIET-BOOTH INSPECTOR
SORTER
STOCK SUPPLIER, TYPE SOLDERERS
type supplier
TOOL-MAINTENANCE MAN
TYPE-ROLLING-MACHINE OPERATOR
TYPE-SOLDERING-MACHINE OPERATOR
UTILITY MAN

umbrella—UMBRELLA, PARASOL, AND CANE INDUSTRY: This industry includes occupations in the manufacture of umbrellas, parasols, canes, umbrella and parasol cases, handles other than gold or silver, and frames and other parts for umbrellas and parasols.

EXAMINER
FOREMAN
FRAME MAKER
HANDLE MOUNTER
UMBRELLA-COVERING CUTTER, HAND
UMBRELLA-COVERING CUTTER, MACHINE
UMBRELLA FINISHER
UMBRELLA HEMMER
UMBRELLA MAKER
UMBRELLA SEWER
UMBRELLA TIPPER, HAND
framer
tacker
UMBRELLA TIPPER, MACHINE

veneer & plywood—VENEER AND PLYWOOD INDUSTRY: This industry includes occupations concerned with slicing and peeling wood blocks and logs to form veneer sheets, and gluing sheets to form plywood or other products.

APRON MAN
gateman
tipple man
BREAK-OFF MAN
CAUL-BOARD CLEANER
caul-board scraper
CLAMP REMOVER
CLIPPERMAN, AUTOMATIC
clipperman
defect cutter
CORE LAYER, PLYWOOD
core builder, plywood
glue-spreader helper
plywood builder
CORE LAYER, PLYWOOD—Continued
veneer layer
CORE-LAYING-MACHINE OPERATOR
EDGE GLUER
edge-gluing-machine operator
splicer feeder
splicer operator
splicing-machine operator
tapeless-veneer splicer
veneer splicer
FOREMAN, VENEER
GLUE SPREADER, VENEER
core feeder
glue-press-spreader operator
veneer-glue man
HOT-PLATE-PLYWOOD-PRESS OPERATOR
hot-plate-press operator
hot-press man
veneer-press operator
HOT-PLATE VENEER-PRESS FEEDER
HOT-PLATE VENEER-PRESS OFF-BEARER
HYDRAULIC-PRESS OPERATOR
cold-press operator
JOINT GLUER, VENEER
LABORER, HOT-PLATE VENEER PRESS
LATHE SPOTTER
block hanger
lathe charger
log swinger
MULTIPLE-CUT-OFF-SAW OPERATOR
PEELER
bark peeler
log peeler
rosser
spudder
PLYWOOD PATCHER, HAND
hot patcher, plywood
panel patcher
rough patcher, plywood
veneer inspector-repairer
veneer patcher
PLYWOOD-SCARFER OPERATOR
scarfer operator
PLYWOOD-STOCK GRADER
RAIMANN-MACHINE OPERATOR
SCARF GLUER
SHEET TURNER
SKOOG-MACHINE OPERATOR
VENEER CLIPPER
drop clipper
veneer-clipper-and-matcher
veneer-clipper operator
veneer-clipping-machine operator
veneer cutter
veneer trimmer
VENEER DRIER
veneer drier off-bearer-operator
veneer drier tailer
VENEER-EDGE GLUER, HAND
edge gluer, veneer
VENEER GRADER
VENEER JOINTER
VENEER-JOINTER HELPER
veneer-glue-jointer feedback man
veneer-jointer returnman
VEENER-LATHE OPERATOR
rotary-slicing-machine operator
rotary-veneer-machine operator
veneer cutter
veneer-machine operator
VENEER MATCHER
splicer matcher
VENEER REDRIER
platen drier operator
VENEER REPAIRER, MACHINE
VENEER-SLICING-MACHINE OPERATOR
straight-slicing-machine operator
VENEER STACKER
VENEER TAPER
veneer joiner
veneer-taping-machine operator

vinous liquors—VINOUS LIQUORS INDUSTRY: This industry includes occupations in producing and bottling still and effervescent fermented wines but does not include growing the fruit from which the wines are made.

BARREL FILLER
CELLAR FOREMAN
CELLARMAN
winery worker
CHAMPAGNE MAKER
CLARIFIER
CRUSHING-MACHINE OPERATOR
grape crusher
DEFLECTOR OPERATOR
lights inspector
wine bottle inspector
FERMENTER, WINE
FILTERMAN
GAGER
POMACE PITCHER
PUMPMAN
STERILIZER
sterilizer operator
sterilizing man
STILL OPERATOR
WINE MAKER
enologist
WINE PASTEURIZER

wallboard—WALLBOARD, WALL PLASTER, AND BUILDING INSULATION INDUSTRY: This industry includes occupations in the manufacture of wall plaster, wallboard and insulation board, and nonrigid thermal insulation of materials such as mineral wool and glass fibers. Asbestos insulation is included in the ASBESTOS PRODUCTS INDUSTRY (asbestos prod.); particle board made from wood chips in the PARTICLE BOARD INDUSTRY (particle board); and paperboard and hardboard products made from pulp in the PAPER GOODS INDUSTRY (paper goods).

BACK TENDER, INSULATION BOARD
pulp drier
BATT-MACHINE OPERATOR, INSULATION
BOARD-MACHINE SET-UP MAN
machine man
CALCINER, GYPSUM
CALENDER OPERATOR, INSULATION BOARD
CHIPPING-MACHINE OPERATOR
COATER OPERATOR, INSULATION BOARD
COOKER, SODA
CRUSHER OPERATOR
CUPOLA CHARGER, INSULATION
CUPOLA OPERATOR, INSULATION
CYLINDER-MACHINE TENDER
DIGESTER OPERATOR
cook
digester cook
DIGESTER-OPERATOR HELPER
cook helper
digester-cook helper
DRILL-PRESS OPERATOR, ACOUSTICAL TILE
FLAKE-CUTTER OPERATOR
FOREMAN, BOARD MILL
FOREMAN, HARDBOARD
FOREMAN, INSULATION
FOREMAN, WET END
FOURDRINIER-MACHINE TENDER
fourdrinier operator
paper-machine tender
GRINDER MAN, HARDBOARD
HEAD-SAW OPERATOR, INSULATION BOARD
INSPECTOR
INSPECTOR, FIBROUS WALLBOARD
KNIFEMAN
LINE TENDER, FLAKEBOARD
MAT INSPECTOR
MAT-MACHINE OPERATOR
MAT PACKER
MAT TESTER
MIXER HELPER
puddler
MIXER MAN, BOARD
MIXER MAN, PLASTER
plaster mixer, machine
PACKER, INSULATION
PAPERHANGER
PRESSMAN, HARDBOARD
PRODUCT TESTER, FIBER GLASS
PULP GRINDER AND BLENDER
PULP-SLURRY MIXER
mixer man, pulp slurry
REED-PRESS FEEDER
SCREEN CLEANER
SPRAY PAINTER, MACHINE
STRAND-AND-BINDER CONTROLMAN
SUPPLY MAN
TENONER OPERATOR
WET-END HELPER
WHEELABRATOR OPERATOR

wallpaper—WALLPAPER INDUSTRY: Covered by this designation are occupations concerned with designing and printing paper for use in decorating interior walls and ceilings. The manufacture of hanging paper is included in the PAPER AND PULP INDUSTRY (paper & pulp).

ARTIST
CLAY-COATING-MACHINE TENDER
COATING-MACHINE OPERATOR
grounding-machine operator
paper coater
COATING-MACHINE-OPERATOR HELPER
COLOR MIXER
COLOR-MIXER HELPER
DUTCH REELER
EMBOSSER OPERATOR
calendar man
roll-embosser operator
GROUND-COLOR MIXER
GROUND MIXER
clay mixer
INSPECTOR AND SHIPPER
LAPPER
PAPER MAN
stockman
PATTERN KEEPER
PRINT-COLOR MIXER
RECOATING-MACHINE OPERATOR
REELER
ROLLING-MACHINE OPERATOR
embossing-machine-operator helper
wallpaper-embosser helper
SAMPLE-BOX MAKER
SCREEN MAKER
SCREEN PHOTOGRAPHER
printing screen photographer
SHEETER-MACHINE OPERATOR
TRIAL-RUN INSPECTOR
WALLPAPER INSPECTOR
WALLPAPER PRINTER I
surface printer
WALLPAPER PRINTER II
printer, wallpaper
WALLPAPER-PRINTER HELPER
back tender
color boy
WALLPAPER TESTER
WATERPROOF-COATING-MACHINE TENDER

waste & batting—WASTE AND BATTING INDUSTRY: This industry embraces occupations concerned with manufacturing batting, padding, wadding, and upholstery filling from materials, such as curled hair, moss, and tow; and cleaning, recovering, and preparing wiping rags, wool shoddy, and related products from materials, such as clippings, manufacturing wastes, cotton, wool, rayon, silk, and other fibers. The production of oakum is also included in this industry.

AUTOMATIC-PAD-MAKING-MACHINE OPERATOR
border-machine operator
BATTING-MACHINE OPERATOR
CHOPPERMAN
FALES-MACHINE-OPERATOR HELPER
quilting-machine helper
FOREMAN
GARNETTER
felter
felting-machine operator

Garnett Feeder
Kapok-and-Cotton-Machine Operator
Machine Feeder, Raw Stock
binman
feeder tender
hopper feeder
hopper tender
Mixer
Quilting-Machine Operator
stitcher
Rag Sorter and Cutter
cutter
Tobacco-Cloth Reclaimer
Waste-Machine Off-Bearer
Waste-Machine Tender
cotton-waste cleaner
roving-waste-machine man
waste-cotton cleaner
waste duster
willow-machine operator
willow-machine tender
wooling man
Wiping-Rag Washer

water trans.—Water Transportation Industry: This industry includes occupations in the operation of ships, barges, ferries, tugboats, and other vessels engaged in transporting freight and passengers, and such supporting services as loading and unloading cargo and booking steamship passage. Occupations in the regulation of port traffic, collection of customs and duties, and inspection and certification of vessels by public authorities are included in Governmental Services (gov. ser.).

Able Seaman
able-bodied seaman
Baggagemaster
Baker Scullion
Barge Captain II
scow captain
Barge Engineer
Barge Loader
Barge-Loader Helper
Bargeman
Bellboy
Beltman
Boat Loader I
dock hand
dockman
pierman
wharfman
wharf operator
wharf tender
Boat Loader II
Boat-Loader Helper
dock helper
dockman helper
wharf helper
wharf-tender helper
Boatswain
Booking Clerk
Boom Foreman
boom man, head
Bulk-Loader Operator
Butcher Scullion
Cadet, Deck
Cadet Engineer
Cannery-Tender Engineer
Carpenter, Ship's
Checker
cargo checker
freight checker
marine clerk
Chef, Passenger Vessel
Clerk and Dispatcher, Pilot Station
Coal Handler
Coal-Tower Operator
Coal Trimmer
boat puller
Coal-Trimmer-Machine Operator
chute operator
telescope operator
Container-Cargo Clerk
Container Coordinator
Cook, Chief
Cook, Larder
garde manger
Cook, Mess
cook, boat
cook, ship
Cook, Ship II
Cook, Station
Cook, Station, Breakfast
Cook, Station, Grill
Cook, Station, Roast
Cook, Station, Soup and Fish
Cook, Third
Cotton Header
Deck Engineer
Deckhand
Deck-Maintenance Man
Derrick-Boat Captain
derrick-boat runner
Director, Recreation
director, social
Dispatcher, Tugboat
Dockman I
Documentation Supervisor
Dredge Captain
dredge operator
dredge runner
Dredge Deckhand
Dredge Mate
Electrician
Electrician, Chief
Electrician, Deck
Electrician, Second
Electrician, Sound
Electrician, Third
Engineer
marine engineer
mechanic, marine engine
Engineer, Chief
Engineer, First Assistant
Engineer, Fishing Vessel
Engineer, Second Assistant
Engineer, Third Assistant
Ferryboat Captain
Ferryboat Deckhand
Ferryboat Operator, Cable I
ferry operator
Ferryboat Operator, Cable II
ferry operator
Ferryboat-Operator Helper
ferryboat helper
Fireman, Marine
Fireman-Watertender
Float Master
boat dispatcher
Freight-Traffic Agent
Frontman
Gear Man II
General-Cargo Clerk
Glass Man
Hatch Tender
Header
dock boss
gang boss
hatch foreman
ship boss
stevedoring foreman
Header, Dock
Header, Ship
Headwaiter
Holdman
Incoming-Freight Clerk
storage-wharfage clerk
Inspector of Dredging
Junior Engineer
maintenance man, engine
Lift-Truck Operator
Linesman
laborer, marine terminal
wharfman
Location Man
dockman
floor runner
ship runner
Lock Tender
canal-structure operator
Lock Tender, Chief Operator
chief lock-operator
Longshoreman I
Longshoreman II
stevedore
Main-Galley Scullion
Manager, Harbor Department
Manager, Marine Service
Manager, Operations
operations manager
Manager, Traffic
manager, schedules and contracts
Manager, Transportation Organization
Manifest Clerk
Marine Oiler
motorman
oiler
striker
Marine-Service-Station Attendant
Master, Bay, Sounds, and Lakes
Master, Coastal Waters
Master, Coastwise Yacht
Master, Great Lakes
Master, Ocean
Master, Ocean Yacht
Master, Passenger Barge
barge captain
Master, Riverboat
riverboat captain
Master, Ship
ship's captain
Master, Steam Yacht
Master, Yacht
Mate, Chief
Mate, First
Mate, Fourth
Mate, Relief
Mate, Second
Mate, Ship
ship officer
Mate, Third
Messman
mess attendant
waiter, mess
Messman, Crew
Messman, Fireman
Messman, Officers' Rooms
Messman, Officers' Salon
Messman, Sailor
Ordinary Seaman
Pantryman
Paper-Control Clerk
Passenger-Traffic Agent
Pastry Chef
Pilot-Boat Deckhand
Pilot, Ship
Pilot, Steam Yacht
Pilot, Tank Vessel
Port Captain
Port Purser
Port-Traffic Manager
Purser
ship purser
Quartermaster
Radio Officer
radio operator
Receipt-and-Report Clerk
cost-report clerk
Reefer Engineer
Refrigerated-Cargo Clerk
Run-Boat Operator
Sailor, Pleasure
Scow Deckhand
Scullion
galley man
scullery man
Scullion Chief
Second-Cook and Baker
Second Steward, Night
Services Clerk
Sightseeing-Boat Operator
Silverman
Sous Chef
Steward
Steward, Bath
Steward, Chief, Cargo Vessel
Steward, Chief, Passenger Ship
Steward, Deck
Steward, Economy Class
Stewardess
Stewardess, Bath
Steward, Library
Steward, Lounge
Steward, Night
Steward, Port
superintendent, commissary
Steward, Room
Steward, Second
Steward, Second Class
Steward, Smoke Room
Steward, Third
Steward, Third Class
Steward, Tourist Class
Steward, Wine
Storekeeper
cargo-gear mechanic
gear man
storeman
Storekeeper, Deck
Storekeeper, Engineering
Storekeeper, Steward
Supercargo
freight clerk
Superintendent, Marine
Superintendent, Pier
Superintendent, Stevedoring
Superintendent, Terminal
wharfinger
Ticket Taker, Ferryboat
bridgeman
Tonnage-Compilation Clerk
Tractor Operator
Traffic Agent
Traveling-Freight-and-Passenger Agent
Tugboat Captain
Tugboat Deckhand
Tugboat Engineer
Tugboat Mate
Turnstile Collector
Utility Man
Vegetable Scullion
Vehicle-Fare Collector
Waiter
steward, dining room
Waiter, Cabin Class
Waiter, Economy Class
Waiter, First Class
Waiter, Second Class
Waiter, Third Class
Waiter, Tourist Class
Watchstander
Water-Taxi Driver
Waterway Traffic Checker
Wharfinger I
Wharfinger, Chief
Wharfman I
Winchman
Winchman, Cargo
winch driver
Yeoman

waterworks—Waterworks: This designation covers occupations in storing, filtering, purifying, and distributing water for domestic and industrial use; and operating water-supply systems for the purpose of irrigation.

Basin Operator
Canal-Equipment Mechanic
Chemist, Water Purification
Chief Engineer, Waterworks
Coagulating-Plant Operator
Ditch Rider
canal tender
ditch tender
water tender
Drainage-Design Coordinator
Foreman, Canal-Equipment Maintenance
maintenance foreman
Foreman, Pumping Station
pumping-station foreman
water-plant-pump-operator foreman
Hydrant-and-Valve Maintenance Man
Hydrographer
meteorological aid
Manager, Irrigation District
manager, water department
Meter Reader
Meter Reader, Chief
Meter-Shop Foreman
Pump-Station Operator, Waterworks
pumping-plant operator
pump operator
water-plant-pump operator
River-Pump Attendant
Superintendent, Water-and-Sewer-Systems
water-distribution superintendent
water superintendent
Superintendent, Waterworks
water supervisor
Supervisor of Transmission
Supervisor, Waterworks
water-sanitation supervisor
water-supply supervisor
Treatment-Plant Mechanic
filtration-plant mechanic
water-treatment-plant mechanic
Turn-Off-and-Turn-On Man
service representative
Water-and-Sewer-Systems Foreman
water foreman
water-maintenance foreman
water-service foreman
Water-and-Sewer-Systems Supervisor
district-water-main supervisor
water-distribution supervisor
zone supervisor
Water-Filter Cleaner
laborer, filter plant
sand-cleaning-machine operator
water-filterer helper
Water-Meter Installer
Water-Meter Reader
Water-Meter Repairman
Water-Revenue Inspector
Water-Service Dispatcher
Watershed Tender
aqueduct-and-reservoir keeper
dam tender
needle-valve operator
reservoir caretaker
Water-Treatment-Plant Operator
filter operator
purifying-plant operator
water-control-station engineer
water filterer
water purifier

welding—Welding and Related Processes: This designation includes all occupations in fusing and bonding parts by welding, brazing, and soldering to join, assemble, and repair metal articles, and all occupations in cutting metal by oxidation or melting, using gas flame or electric arc. The designation covers all welding processes wherever they occur, except assembly or repair occupations in which welding, brazing, soldering, and flame or arc cutting are only incidental tasks. Such occupations are included under the industries covering those assembly or repair processes.

welding—continued

ARC CUTTER
arc-air operator
burn-out-scarfing operator
carbon-arc cutter
ARC CUTTER, GAS-SHIELDED-TUNGSTEN ARC
BRAZER-ASSEMBLER
brazer
torch brazer
BRAZER, ASSEMBLY REPAIR
BRAZER, CONTROLLED ATMOSPHERIC FURNACE
hydrogen braze-furnace operator
BRAZER, CRAWLER TORCH
seamer
seamer, wire screen
BRAZER, FURNACE
solderer, furnace
BRAZER HELPER, FURNACE
BRAZER HELPER, INDUCTION
BRAZER, INDUCTION I
brazer, electronic
solderer, electronic
BRAZER, INDUCTION II
operator, induction soldering machine
BRAZER, PRODUCTION LINE
BRAZER, REPAIR AND SALVAGE
BRAZER, RESISTANCE I
BRAZER, RESISTANCE II
BRAZER, TEST AND REPAIR
BRAZING-FURNACE FEEDER
BRAZING-MACHINE FEEDER
BRAZING-MACHINE OPERATOR I
brazing-machine operator, automatic
flame-brazing-machine operator
soldering-machine operator, automatic
BRAZING-MACHINE OPERATOR II
brazing-machine operator, automatic
flame-brazing-machine operator
soldering-machine operator, automatic
BRAZING-MACHINE-OPERATOR HELPER
BRAZING-MACHINE-SET-UP MAN
silver-soldering-machine-set-up man
soldering-machine-set-up man
BUTT WELDER SET-UP MAN
ELECTRONIC-EYE FLAME-CUTTING-MACHINE OPERATOR
FLAME CUTTER, HAND I
burner, hand
cutter, gas
flame gouger
torch cutter
FLAME CUTTER, HAND II
scrap burner
scrap cutter
FLAME-CUTTER HELPER
FLAME-CUTTING-MACHINE OPERATOR
burning-machine operator
flame planer
gas-cutting-machine operator
FLAME-CUTTING-MACHINE OPERATOR—Continued
radiagraph operator
FLAME-CUTTING-MACHINE-OPERATOR HELPER
FLAME-CUTTING TRACER-MACHINE OPERATOR
pantograph operator
FLAME SCARFER
FLUX BRUSHER
FLUX MAN
FOREMAN
weld shop foreman
LEAD BURNER
LEAD-BURNER APPRENTICE
LEAD-BURNER FOREMAN
MACHINE FEEDER
welding-machine operator
MACHINE HELPER
MAGNETIC FLAME-CUTTING-MACHINE OPERATOR
OXYGEN-LANCE CUTTER
REPAIRMAN, RESISTANCE-WELDING MACHINES
REPAIRMAN, WELDING, BRAZING, AND BURNING MACHINES
REPAIRMAN, WELDING EQUIPMENT
RESISTANCE-WELDING TECHNICIAN
SHIELDING INSTALLER
SLAG SCRAPER
SOLDERER-ASSEMBLER
production solderer
returned-goods repairman
SOLDERER, ASSEMBLY REPAIR
SOLDERER-DIPPER
SOLDERER, INDUCTION
SOLDERER, PRODUCTION LINE
SOLDERER, SILVER
SOLDERER, TORCH
SOLDERING-MACHINE FEEDER
SOLDERING-MACHINE OPERATOR
SOLDERING-MACHINE-OPERATOR HELPER
SPOT-WELDER FEEDER
SPOT WELDER SET-UP MAN
TRACK-TEMPLATE FLAME-CUTTING-MACHINE OPERATOR
TUNGSTEN WELDER, INERT-GAS
TUNGSTEN-WELDING-MACHINE OPERATOR, INERT GAS
WELDABILITY-TEST INSPECTOR
WELDER APPRENTICE, ARC
WELDER APPRENTICE, COMBINATION
WELDER APPRENTICE, GAS
WELDER, ARC
WELDER, ATOMIC
welder, hydrogen arc
WELDER-BURNER
WELDER, BUTT I
WELDER, BUTT II
WELDER, COMBINATION
WELDER-FITTER
welding lay-out man
welding set-up man
WELDER-FITTER APPRENTICE
welding-lay-out-and-set-up-man apprentice
WELDER-FITTER, ARC
WELDER-FITTER, GAS
WELDER, GAS
welder, acetylene
welder, oxyacetylene
welder, oxyhydrogen
WELDER, GAS-SHIELDED ARC
welder, metal, inert gas
welder, mig
welder, tig
WELDER, GUN
welder, portable spot
WELDER, HAND, SUBMERGED ARC
welder, squirt
WELDER, HELIARC
WELDER HELPER
WELDER, MAGNETIC
WELDER, MULTIPLE SPOT
WELDER, PERCUSSION
WELDER, PRODUCTION LINE
WELDER, PRODUCTION LINE, ARC
WELDER, PRODUCTION LINE, COMBINATION
WELDER, PRODUCTION LINE, GAS
WELDER, PROJECTION
WELDER, REPAIR
maintenance welder
WELDER, RESISTANCE MACHINE
resistance-welder operator
WELDER, SALVAGE
WELDER, SEAM I
WELDER, SEAM II
WELDER SET-UP MAN, RESISTANCE MACHINE
welder, foreman, spot
WELDER, SPOT I
WELDER, SPOT II
WELDER, STRUCTURAL REPAIR
WELDER, TACK
tacker
WELDER, TOOL AND DIE
WELDING-MACHINE OPERATOR, ARC
unionmelt operator
welding-machine operator, automatic
WELDING-MACHINE OPERATOR, GAS
welder, gas, automatic
WELDING-MACHINE OPERATOR, GAS-SHIELDED ARC
WELDING-MACHINE-OPERATOR HELPER, ARC
WELDING-MACHINE-OPERATOR HELPER, GAS
WELDING-MACHINE OPERATOR, SUBMERGED ARC
machine welder, submerged arc
WELD INSPECTOR
welding tester

whole. tr.—WHOLESALE TRADE: This designation embraces occupations in selling to retailers, institutions, industrial consumers, and other wholesale organizations for resale or other processing rather than for personal or home consumption. The designation covers such sales, whether by wholesale organizations or by manufacturing concerns. In addition to the sale of commodities at wholesale, the designation includes related processes normally carried on by wholesale establishments, and also the functions of agents and brokers who operate in the wholesale market in effecting purchases and sales between other parties. The principal types of wholesale establishments are full-service and limited-function wholesalers, manufacturers' sales branches and offices, functional middlemen, such as agents and brokers, and assemblers of agricultural commodities.

APPLE PACKER
APPLE SORTER
APPLE WASHER
APRICOT PACKER
ASPARAGUS SORTER
AUCTIONEER
AUCTIONEER, AUTOMOBILE
AUCTIONEER, FURNITURE
AUCTIONEER, LIVESTOCK
AUCTIONEER, REAL ESTATE
AUCTIONEER, TOBACCO
AVOCADO PACKER
BALER
BANANA GRADER
BANANA-RIPENING-ROOM FOREMAN
BOOKMAN
clipman
pick-up man
BROKER
buyer
dealer
BROKER-AND-MARKET OPERATOR, GRAIN
grain trader
BROKER, LOG
log buyer
BUILDING CONSULTANT
BUILDING-INSULATING ENGINEMAN
feeder man
power-unit operator
BUNCHER
BUYER I
BUYER II
BUYER, AGRICULTURAL PRODUCE
produce buyer
BUYER, CASH TRUCK
BUYER, CATTLE
BUYER, CHAIN STORE
BUYER, FURS
BUYER, GRAIN
grain buyer
grain-elevator agent
grain-elevator man
manager, grain elevator
BUYER, GRAIN (grain & feed mill.; whole. tr.)
BUYER, HOG
BUYER, JUNK
junk collector
junkman
scavenger
BUYER, LIVESTOCK
BUYER, METAL
BUYER, PAPER
BUYER, POTATOES
BUYER, RAG
BUYER, SALVAGE
metal buyers
BUYER, SHEEP
BUYER, TOBACCO
tobacco buyer
BUYER, TOBACCO, HEAD
buyer, head
circuit rider
circuit walker
BUYER, WOOL
wool buyer
CAPPER PICKER
CARROT WASHER
CHECK-OUT MAN
CHERRY PACKER
CHERRY SORTER
CHRISTMAS-TREE GRADER
CITRUS-FRUIT PACKER
CITRUS-FRUIT PACKING GRADER
CLOCK OPERATOR, TOBACCO AUCTION
CLOTHING INSPECTOR
garment sorter
textile sorter
COLORING-ROOM MAN
COMMISSION MAN, AGRICULTURAL PRODUCE
agricultural broker
commission agent, agricultural produce
farm-products broker
produce broker
COMMISSION MAN, CATTLE
COMMISSION MAN, HOGS
COMMISSION MAN, LIVESTOCK
commission agent, livestock
livestock broker
COMMISSION MAN, SHEEP
COMPARISON SHOPPER
merchandise shopper
professional shopper
shopper
CONTACT MAN
song plugger
CONVERTER
COUNTERMAN, APPLIANCE PARTS
COUNTERMAN, AUTOMOTIVE PARTS
COUNTERMAN, FARM EQUIPMENT PARTS
COUNTERMAN, INDUSTRIAL MACHINERY AND EQUIPMENT PARTS
COUNTERMAN, RADIO, TELEVISION, AND ELECTRONICS PARTS
COUNTERMAN, TRACTOR PARTS
COUNTERMAN, TRUCK PARTS
CRANBERRY SORTER
CRATE TIE-MAN
CULL GRADER
CUTTER, BANANA ROOM
DECAY-CONTROL OPERATOR
Decco operator
DEMONSTRATOR
DENTAL-EQUIPMENT INSTALLER AND SERVICEMAN
DOORMAN
DUMPING-MACHINE OPERATOR
dumper
machine dumper
EGG PACKER
EMBROIDERY-PATTERN MAKER
FANCY PACKER
FARMER-ROOM ATTENDANT
FARM-MACHINERY SET-UP MAN
set-up man
FIELDMAN, CHRISTMAS TREES
FIELD REPRESENTATIVE
FIG SORTER
FLOOR-COVERING BUYER
FOOD DEMONSTRATOR
FOREIGN BUYER
FOREMAN, EGG PROCESSING
egg processing - plant supervisor
FOREMAN, LIVESTOCK SALE BARN
FRUIT-BUYING GRADER
fruit inspector
platform inspector
FRUIT PACKER, FACE-AND-FILL
FRUIT PACKER, WRAP-AND-PLACE
FRUIT-PACKING-GRADER OPERATOR
FRUIT SORTER
FUEL-OIL-DELIVERY MAN
FUR CLEANER
fur beater
fur drummer
fur dry-cleaner
furrier
sawdust-machine operator
GARMENT EXAMINER
GAS-DELIVERY MAN
GENERAL MANAGER, FARM
GRADING FOREMAN
GRAIN SAMPLER
grain prober
HEADER
ICE-BOX MAN
ICER
top icer
IMPORTER-EXPORTER
INDUSTRIAL DISTRIBUTOR
INSULATION HOSEMAN
blower insulator
hoseman
house insulator
insulation nozzleman
LIDDER
LOCKER-PLANT ATTENDANT
MAIL-ORDER BILLER
MAIL-ORDER FILLER
MANAGER, DISTRIBUTION WAREHOUSE
MANAGER, DOUGHNUT SHOP
MANAGER, FLOOR
MANAGER, LOCKER PLANT
MANAGER, MERCHANDISE
director, merchandise
MANAGER, PARTS
counterman
manager, stockroom
parts man
MANAGER, SERVICE DEPARTMENT
manager, service
service supervisor
MANAGER, TOBACCO WAREHOUSE
warehouseman
warehouse manager
warehouse operator
MANUFACTURERS' REPRESENTATIVE
manufacturers' agent
MARKER
marking clerk
merchandise marker
price marker
ticket maker
MARKET MASTER
market manager
market superintendent
MEAT BUYER
MEAT CUTTER
butcher
meat counterman
meatman
salesperson, meats

MEAT-CUTTER APPRENTICE
butcher apprentice
meat-counterman apprentice
salesperson apprentice, meats
MODEL
clothes model
fashion model
house model
manikin
mannequin
merchandise model
MONEY COUNTER
NEEDLEWORK COMMISSION AGENT
OFFICE-LAYOUT-SERVICE MAN
OLD-GOLD BUYER
old-gold broker
OLIVE SORTER
ORANGE WASHER
PACKER, AGRICULTURAL PRODUCE
PACKING-HOUSE FOREMAN
house foreman
packing-shed foreman
PAINT DEMONSTRATOR
PEACH SORTER
PEAR PACKER
PERISHABLE-FRUIT INSPECTOR
banana dispatcher
banana messenger
PHARMACEUTICAL DETAIL MAN
detail man
service representative
PLANT FOREMAN
PLUM PACKER
PORTER, SAMPLE CASE
PORTER, USED-CAR LOT
used-car-lot attendant
POTATO GRADER
POTATO SORTER
RECLAMATION FOREMAN
RECLAMATION MAN
RING PACKER
SAFE-AND-VAULT SERVICEMAN
safe-and-vault erector
safe repairman
vault mechanic
SALES AGENT, SURPLUS STOCK
SALESMAN
SALESMAN, ABRASIVES
SALESMAN, ADDING MACHINE
SALESMAN, ADDRESSING MACHINE
SALESMAN, AIRCRAFT
SALESMAN, AIRCRAFT EQUIPMENT AND PARTS
salesman, aeronautical and aircraft equipment
SALESMAN, AMUSEMENT AND SPORTING GOODS
SALESMAN, AUTOMOBILE PARTS
SALESMAN, BARBER AND BEAUTY SUPPLIES
SALESMAN, BEVERAGES
SALESMAN, BOATS AND NAUTICAL EQUIPMENT
SALESMAN, BOOKKEEPING-AND-ACCOUNTING MACHINE
SALESMAN, BOTTLES AND BOTTLING EQUIPMENT
SALESMAN, BUILDING AND CONSTRUCTION EQUIPMENT AND SUPPLIES
SALESMAN, CALCULATING MACHINE
SALESMAN, CANVAS PRODUCTS
SALESMAN, CASH REGISTER
SALESMAN, CHECK-ENDORSING-AND-SIGNING MACHINE
SALESMAN, CHEMICALS AND DRUGS
SALESMAN, CHURCH FURNITURE AND EQUIPMENT
SALESMAN, COMMERCIAL EQUIPMENT AND SUPPLIES
SALESMAN, COMMERCIAL FEED
SALESMAN, COMMUNICATION EQUIPMENT
SALESMAN, CONSTRUCTION MACHINERY
SALESMAN, CONTAINER
SALESMAN, CORDAGE
SALESMAN, DAIRY SUPPLIES
SALESMAN, DENTAL AND MEDICAL EQUIPMENT AND SUPPLIES
SALESMAN, DICTATING MACHINE
SALESMAN, DRESS TRIMMINGS
SALESMAN, DUPLICATING MACHINE
SALESMAN, ENGINEERING SUPPLIES
SALESMAN, ENVELOPE
SALESMAN, FARM AND GARDEN EQUIPMENT AND SUPPLIES
SALESMAN, FLOOR COVERINGS
SALESMAN, FLORIST SUPPLIES
SALESMAN, FLOUR AND CEREALS
SALESMAN, FOOD PRODUCTS
SALESMAN, FOOD-VENDING SERVICE
SALESMAN, FOOTWEAR
SALESMAN, FOUNDRY AND MACHINE SHOP PRODUCTS
SALESMAN, FOUNTAIN PENS
SALESMAN, FUEL
SALESMAN, GENERAL
SALESMAN, GENERAL MERCHANDISE
SALESMAN, GRAIN-AND-FEED PRODUCTS
SALESMAN, GROCERIES
SALESMAN, HARDWARE SUPPLIES
SALESMAN, HOBBIES-AND-CRAFTS
SALESMAN, HOTEL AND RESTAURANT EQUIPMENT AND SUPPLIES
SALESMAN, HOUSEFURNISHINGS
SALESMAN, HOUSEHOLD EQUIPMENT
SALESMAN, JEWELRY AND OPTICAL GOODS
SALESMAN, LEATHER GOODS
SALESMAN, LIVESTOCK
SALESMAN, LUBRICATING EQUIPMENT
SALESMAN, MACHINERY
SALESMAN, MARINE SUPPLIES
SALESMAN, MATERIAL-HANDLING EQUIPMENT
SALESMAN, MEATS
SALESMAN, MEDICAL EQUIPMENT AND SUPPLIES
SALESMAN, MEN'S AND BOYS' CLOTHING
SALESMAN, METALS
SALESMAN, MORTICIAN SUPPLIES
salesman, funeral equipment
salesman, undertaker supplies
SALESMAN, MOTOR VEHICLES AND SUPPLIES
distributor, motor vehicles and supplies
SALESMAN, MUSICAL INSTRUMENTS AND ACCESSORIES
SALESMAN, NOTIONS
SALESMAN, NOVELTIES
SALESMAN, OFFICE MACHINES
SALESMAN, OIL FIELD SUPPLIES
SALESMAN, OIL FIELD SUPPLIES AND EQUIPMENT
SALESMAN, OIL-WELL EQUIPMENT RENTALS
SALESMAN, OIL WELL SERVICES
SALESMAN, PAPER AND PAPER PRODUCTS
SALESMAN, PETROLEUM PRODUCTS
SALESMAN, PIANO AND ORGAN
SALESMAN, PLASTIC PRODUCTS
SALESMAN, POULTRY EQUIPMENT AND SUPPLIES
SALESMAN, PRECISION INSTRUMENTS
SALESMAN, PRESSURE-SENSITIVE TAPE
SALESMAN, PRINTING PAPER
SALESMAN, PRINTING SUPPLIES
SALESMAN, PUBLICATIONS
distributor, publications
SALESMAN, RADIO AND TELEVISION PARTS
SALESMAN, RADIOGRAPHIC INSPECTION SERVICES
SALESMAN, RAILROAD EQUIPMENT AND SUPPLIES
SALESMAN, RAW WOOL
SALESMAN, RELIGIOUS SUPPLIES
SALESMAN, RUBBER GOODS
SALESMAN, SAFETY EQUIPMENT
SALESMAN, SCHOOL EQUIPMENT AND SUPPLIES
SALESMAN, SHOE LEATHER AND FINDINGS
SALESMAN, SIGNS
SALESMAN, STENOGRAPHIC MACHINE
SALESMAN, TEXTILE DESIGNS
SALESMAN, TEXTILE MACHINERY
SALESMAN, TOBACCO PRODUCTS AND SMOKING SUPPLIES
SALESMAN, TOILET PREPARATIONS
SALESMAN, TRACTOR AND FARM IMPLEMENTS
SALESMAN, TYPEWRITER
SALESMAN, ULTRASONIC EQUIPMENT
SALESMAN, UNIFORMS
SALESMAN, VENDING AND COIN MACHINES
SALESMAN, VETERINARIAN SUPPLIES
SALESMAN, VIDEOTAPE
SALESMAN, WELDING EQUIPMENT
SALESMAN, WIRE ROPE
SALESMAN, WOMEN'S AND GIRLS' APPAREL
SALESPERSON
SALESPERSON, AUTOMOBILE ACCESSORIES
counterman
SALESPERSON, CHINA AND GLASSWARE
SALESPERSON, CURTAIN AND DRAPERY
SALESPERSON, FLYING SQUAD
SALESPERSON, GENERAL
SALESPERSON, LAWN AND GARDEN EQUIPMENT AND SUPPLIES
SALESPERSON, MEN'S AND BOYS' CLOTHING
SALESPERSON, MUSICAL INSTRUMENTS AND ACCESSORIES
SALESPERSON, PAINT
SALESPERSON, PARTS
counter clerk
counterman
parts clerk
parts counterman
parts man
SALESPERSON, PHOTOGRAPHIC SUPPLIES AND EQUIPMENT
cameraman
salesperson, camera
SALESPERSON, SPORTING GOODS
SALESPERSON, STAMPS OR COINS
SALESPERSON, WOMEN'S GARMENTS
SALESWOMAN
SAMPLER, WOOL
SECOND-HAND FURNITURE DEALER
SEGREGATOR
SORTER, AGRICULTURAL PRODUCE
sorter, food products
SPARE-PARTS FIELD REPRESENTATIVE
SPONGE CLIPPER
SPONGE PACKER
TAGGER
TANK-TRUCK DRIVER
TICKET MARKER
TIRE ADJUSTER
TOMATO GRADER
TOY BUYER
TRAILER-TANK-TRUCK DRIVER
TRIMMER
VEGETABLE SORTER
WAREHOUSE TRAFFIC MAN
traffic man
WASHER, AGRICULTURAL PRODUCE
dumper
washer operator
washing-machine operator
WASHER, FOOD PRODUCTS
WASHING-AND-WAXING-MACHINE OPERATOR
WEIGHMASTER
WHOLESALER
jobber
manager, wholesale-trade establishment
wholesale dealer
WHOLESALER—Continued
wholesale merchant
WRECKER
automobile wrecker
wrecking mechanic
YARD LABORER
YARDMAN
lumber handler

window shade & fix.—WINDOW SHADE AND FIXTURES INDUSTRY: Included in this industry are occupations concerned with the production of curtain poles, fixtures, rods, venetian blinds, window shades, and window shade rollers and fixtures.

AWNING MAKER-AND-INSTALLER
COLOR MIXER
CURTAIN-ROLLER ASSEMBLER
FOREMAN, ASSEMBLY ROOM
SHADE-CLOTH FINISHER
SIZING SPRAYER
SLICING-MACHINE OPERATOR
TRAVERSE-ROD ASSEMBLER
VENETIAN-BLIND ASSEMBLER
VENETIAN-BLIND INSTALLER
VENETIAN-BLIND-TAPE CUTTER
WINDOW-SHADE-CLOTH SEWER
WINDOW-SHADE CUTTER AND MOUNTER
window-shade and roller cutter
WINDOW-SHADE-RING SEWER
window-shade-ring coverer
WOODEN-SHADE HARDWARE INSTALLER
WOOD-WEB-WEAVING-MACHINE OPERATOR
loom operator
weaver

wire—WIRE DRAWING: This industry includes occupations, wherever they occur, that are concerned with drawing ferrous or nonferrous metal bars and rods through dies to produce wire of specified dimensions, hardness, tensile strength, or electrical properties. Occupations concerned with the fabrication of wire into products, such as barbed wire, screens, wire fences, and wire rope or cable, are included under the WIREWORK INDUSTRY (wirework). Occupations concerned with forming bars, rods, strips, and wire into springs are covered in the METAL SPRING INDUSTRY (spring).

DIAMOND-DIE POLISHER
die cutter, diamond
die polisher
DIE POLISHER
carboloy-die polisher
ELECTROGALVANIZING-MACHINE OPERATOR
FINE-WIRE DRAWER
FOREMAN, DRAWING
INSPECTOR, WIRE
finished-wire inspector
REEL MAN
TUBE-DRAWING FOREMAN
WIRE-COATING OPERATOR, METAL
lead coater
tin-pot operator
wire tinner
wire-tinning-machine tender
WIRE DRAWER
wire-draw operator
WIRE-DRAWING FOREMAN
WIRE-DRAWING-MACHINE TENDER

wirework—WIREWORK INDUSTRY: Covered under this designation are occupations concerned with the fabrication of metal wire into such products as barbed wire; fine and coarse mesh screen for use in metallurgy, papermaking, or as a protective guard for windows, mineshaft cages, or moving parts of machines; wire fence; wire rope and cable; and woven wire fence. Occupations concerned with fabricating wire springs, wire forms, and related products are included in the METAL SPRING INDUSTRY (spring); needles and pins in the NEEDLE, PIN, HOOK AND EYE, AND SNAP FASTENER INDUSTRY (needle, pin, & rel. prod.); insulated or armored wire and cable for transmitting electrical energy in the INSULATED WIRE AND CABLE INDUSTRY (insulated wire); and drawing uninsulated wire in the WIRE DRAWING INDUSTRY (wire).

BALE-TIE-MACHINE OPERATOR
wire-loop-machine operator
BARBED-WIRE-MACHINE OPERATOR
BENCH-LOOM WEAVER
BIRD-CAGE ASSEMBLER
CLOSER
CLOSING FOREMAN
EXPERIMENTAL MAN
FENCE-MAKING-MACHINE OPERATOR
FOREMAN, WIRE-ROPE FABRICATION
IMPREGNATING-MACHINE OPERATOR
asphalt-machine operator
INSPECTOR, WIRE PRODUCTS
KNITTER, WIRE MESH
knitting-machine operator
LOOM SETTER, FOURDRINIER

wirework—continued

LOOM SETTER, WIRE WEAVING
wire loom set-up man
MATERIAL-CONTROL CLERK
PAINTER, SPRING
PAPERBACK-MACHINE OPERATOR
weaving-machine operator
REEL MAN
SEAMER
SHEARER AND TRIMMER, WIRE SCREEN AND FABRIC
screen cutter and trimmer
shearer, screen measurer and trimmer
SPIRAL WEAVER
SPLICING FOREMAN
SPOOLING FOREMAN
SPOOLING-MACHINE OPERATOR
STRANDING FOREMAN
STRANDING-MACHINE OPERATOR
cable-machine operator
cabling-machine operator
strander operator
STRANDING-MACHINE OPERATOR—Continued
strand-machine operator
STRANDING-MACHINE-OPERATOR HELPER
cable-mill helper
SWAGING-AND-PLASTIC FOREMAN
WEAVER, BENCH LOOM
WIRE-BASKET MAKER
WIRE-MESH-GATE ASSEMBLER
WIRE-ROPE-SLING MAKER
sling maker
WIRE-ROPE-SLING-MAKER HELPER
splicer helper
WIRE-SCREEN WEAVER, HAND
WIRE-SCREEN WEAVER, MACHINE
WIRE STOCKMAN
WIRE WEAVER, CLOTH
wire weaver, fourdrinier
WIRE-WEAVER HELPER
loom helper
row man
WRAPPER
rewinder
ZIG-ZAG-SPRING-MACHINE OPERATOR

wood. box—WOODEN BOX INDUSTRY: This industry includes occupations in the manufacture of box shooks; cases for eggs and canned goods; carrier trays; crates for berries, butter, fruits, and vegetables; and wooden boxes.

ASSEMBLER
BANDER
BAND NAILER
strap nailer
BAND-RESAW OPERATOR
BOARD LAYER
BOARD-LINER OPERATOR
BOTTOM-END ASSEMBLER, MILK CRATE
BOTTOM-HALF ASSEMBLER, MILK CRATE
BOTTOM NAILER
BOX-BLANK-MACHINE FEEDER
BOX-BLANK-MACHINE OPERATOR
stitching-machine operator
BOX-BLANK-MACHINE-OPERATOR HELPER
BOX GLUER
BOX INSPECTOR
assembling inspector
BOX MAKER, WOOD
carpenter, box
case maker
crate builder
BOX REPAIRER
box repairman
box-shook patcher
patcher
BOX REPAIRMAN I
BOX SQUARER
BOX-TOP STITCHING MACHINE OPERATOR
CIRCULAR-RESAW OPERATOR
CLEAT FEEDER
cleat thrower
CLEAT LAYER
CLEAT NAILER
CLEAT NOTCHER
CORNER FORMER
CORNER-TRIMMER OPERATOR
corner cutter
corner man
corner trimmer
DOVETAIL-MACHINE OPERATOR
bumper operator
forming operator
EDGE STRIPPER
edger
END NAILER
table nailer
END STAPLER
end operator
ESTIMATOR
lumber measurer
EXPERIMENTAL MAN
FINISHER
FRAME NAILER
HANDHOLE-MACHINE OPERATOR
HARDWARE ASSEMBLER
box-hinge and lock nailer
box nailer
top nailer
JIG BUILDER
set-up man
LOG COOKER
steam-vat tender
vatman
wood cooker
MILK-CRATE ASSEMBLER
MULTIPLE-CUT-OFF-SAW OPERATOR
MULTIPLE-RESAW OPERATOR
PARTITION ASSEMBLER
PARTITION NOTCHER
PUTTY BOY
RIVETER
bulldozer
bulldozer operator
riveter operator
rivet header
rivet-header operator
ROD PLACER
rod setter
SETTING-UP CLOSER
SETTING-UP FOLDER
SET-UP MAN, BOTTLE-BOX MACHINE
SIDE MAN
SQUEEZER OPERATOR
squeezer man
STITCHER FEEDER
STRAP NAILER II
STRAPPING-MACHINE OPERATOR
box strapper
strapper
STRAP RECESSER
STRIP-METAL-PUNCH-AND-STRAIGHTENER OPERATOR
THUMBER
partition fastener
THUMBER—Continued
thumb nailer
TOP-AND-BOTTOM MAN
VENEER-STOCK GRADER
WIRE BENDER
WIRE-BOUND-BOX-MACHINE HELPER
WIRE-BOUND-BOX-MACHINE OPERATOR
WIRE-TURNING-MACHINE OPERATOR
looper
WIRE-WINDING-MACHINE OPERATOR

wood distil. & char.—WOOD DISTILLATION AND CHARCOAL INDUSTRY: This industry covers occupations concerned with the destructive distillation and the steam distillation of wood, and the production of charcoal and wood tar in kilns or pits. The principal products of the industry are charcoal, methanol, pine oil, rosin, turpentine, and wood tar. The production of turpentine and rosin by the distillation of crude gum is included under the TURPENTINE AND ROSIN INDUSTRY (turp. & rosin). The production of bone black (animal charcoal) is included in the BONE BLACK, CARBON BLACK, AND LAMPBLACK INDUSTRY (bone, carbon, & lampblack).

CHARCOAL BURNER, BEEHIVE KILN
collier
kiln burner
CHIPPERMAN
CHOPPER
DISTILLER
refining-still operator
still tender
EVAPORATOR MAN
EXTRACTOR OPERATOR
digester operator
EXTRACTOR-OPERATOR HELPER
FIREMAN, RETORT
RETORT-CONDENSER ATTENDANT
alleyman
RETORT LOADER
RETORT UNLOADER
charcoal unloader
kiln unloader
retort forker
ROSIN INSPECTOR
SPIKER
spikeman
WOOD-CREW FOREMAN
WOODS BOSS
woods overseer
WOODSMAN

wood preserving—WOOD PRESERVING INDUSTRY: This industry includes occupations in the manufacture and finishing of transmission poles, piling, spar poles, posts, construction timbers, and crossarms and railroad ties; and the application of chemical preservatives in wood preserving plants as protection against weathering and decay. The preserving of other wood products, such as flooring, siding, and millwork finished by establishments outside of this industry, are also included. Incidental application of preservative coatings to completed structures at the work site is included in the CONSTRUCTION INDUSTRY (const.). The manufacture of unfinished railroad ties is included in the SAWMILL INDUSTRY (sawmill).

ADZING-AND-BORING-MACHINE FEEDER
ADZING-AND-BORING-MACHINE HELPER
ADZING-AND-BORING-MACHINE OPERATOR
boring-and-adzing-machine operator
tie-mill operator
ANTICHECKING-IRON MAN
BEEGLE-IRON MAN
C-IRON MAN
CROSS-TIE-TRAM LOADER
FOREMAN, FRAMING MILL
FOREMAN, POLE YARD
FOREMAN, TIE YARD
FRAME-TABLE OPERATOR
framing-mill operator
timber framer, machine
FRAME-TABLE-OPERATOR HELPER
framing-mill-operator helper
HEADERMAN
INCISING-MACHINE OPERATOR
perforating-machine operator
INCISING-MACHINE OPERATOR—Continued
pole-incisor operator
timber-incisor operator
LABORER, WOOD PRESERVING PLANT
PIPE BUILDER, WOOD
pipe assembler
POLE FRAMER
line-and-frame poleman
POLE FRAMER, MACHINE
POLE INSPECTOR
pole classer
POLE-PEELING-MACHINE OPERATOR
pole peeler
pole shaver
POLE-PEELING-MACHINE-OPERATOR HELPER
pole-peeler helper
pole-shaver helper
S-IRON MAN
SPAR-MACHINE OPERATOR
SPAR-MACHINE-OPERATOR HELPER
TANKMAN
dip tankman
platform man
scaffold man
TIE HANDLER
TREATING ENGINEER
retort engineer
timber-treating-tank operator
treating-plant operator
TREATING-ENGINEER HELPER
boring man
cylinder helper
doorman
TREATING INSPECTOR
TREATING-PLANT SUPERVISOR
WINCHMAN
WOOD-POLE TREATER
WRAPPING-MACHINE OPERATOR
pipe winder
WRAPPING-MACHINE TAILER
stapler

woodworking—WOODWORKING: Covered by this designation are occupations that have been found to occur in a number of industries that are involved in various phases of woodworking and related processes. Typical of the processes included are fabricating, grading, planing, sawing, and shaping lumber and such wooden articles as floor baseboards, stair railings, wainscots, moldings, doors, and storm windows, except such processes that are considered to be peculiar to specific industries. The manufacture of metal doors and screens is included under STRUCTURAL AND ORNAMENTAL METALWORK (struct. & ornam. metalwork).

AUTOMATIC-LATHE SET-UP MAN
BAND-RIPSAW OPERATOR
BAND-SAW OPERATOR I
BAND-SCROLL-SAW OPERATOR
band-saw operator
scroll-saw operator
tilting-head band-sawyer
BELT SANDER
BENDER, HAND
BENDER, MACHINE
bending-press operator
BIT SHARPENER
bit grinder
BLOCK GLUER
BOAT-OAR MAKER
BORING-MACHINE OPERATOR
boring-machine operator, multiple spindle
BORING-MACHINE OPERATOR, DOUBLE END
BORING-MACHINE OPERATOR, HORIZONTAL
BORING-MACHINE OPERATOR, VERTICAL
BORING-MACHINE TENDER
BRUSH SANDER
CABINETMAKER
carpenter, bench
CABINETMAKER APPRENTICE
CABINETMAKER FOREMAN
CABINETMAKER, MAINTENANCE
CHAIN-MORTISER OPERATOR
CHECK GRADER
CHIPPERMAN
CHISEL-MORTISER OPERATOR
CHUCKING-AND-SAWING-MACHINE OPERATOR
CHUCKING-MACHINE OPERATOR
CIRCULAR-RIPSAW OPERATOR
CLAMP CARRIER OPERATOR
CLAMP-JIG ASSEMBLER
CLAMPMAN
CLUSTER-BORE OPERATOR
COPY-LATHE OPERATOR
CORRUGATED-FASTENER DRIVER
corrugator operator
end mender
shook splicer
splicer-machine operator
stapler operator
stitcher operator
CUT-OFF-SAW GRADER
CUT-OFF-SAW OPERATOR
cross-cut-saw operator
trimmer operator
CYLINDER-SANDER OPERATOR
DADO OPERATOR
dado-saw operator
recessing-machine operator
DISK SANDER
DOCK GRADER
DOOR ASSEMBLER
DOOR-FRAME ASSEMBLER, MACHINE
DOOR LAY-UP MAN
DOUBLE-CUT-OFF-SAW OPERATOR
DOUBLE-END-CHUCKING-MACHINE OPERATOR
DOUBLE-END-TENONER OPERATOR
DOUBLE-END-TENONER SET-UP MAN
DOUBLE-SPINDLE-SHAPER OPERATOR
DOVETAIL-MACHINE OPERATOR
DOWLING-MACHINE OPERATOR
doweler
dowel-setting-machine operator
DOWEL INSPECTOR
DOWEL-MACHINE OPERATOR
dowel sticker operator
DOWEL POINTER
DOWEL-SANDER OPERATOR
DRUM-SANDER SET-UP MAN
DRY-HOUSE ATTENDANT
wood-stock-blank handler
DRY LUMBER GRADER
ENDLESS-BED-DRUM SANDER
END-MATCHER OPERATOR
EQUALIZING-SAW OPERATOR
FINISH SANDER
FIRST-COAT SANDER
FLOAT SANDER
FOREMAN
mill foreman
FOREMAN, ASSEMBLY
FOREMAN, FINISHING
FOREMAN, GLUING
FOREMAN, LAMINATING
FOREMAN, MACHINING
FOREMAN, PLANING
FOREMAN, SANDING

FURNITURE FINISHER
coater
furniture refinisher
recoater
refinisher
wood finisher
FURNITURE - FINISHER APPRENTICE
wood-finisher apprentice
GANG-BORE OPERATOR
GANG-RIPSAW OPERATOR
GLUE-JOINTER OPERATOR
GLUEMAN
bottom gluer
glue capper
glue-press operator
gluer, hand
squeezer operator
GLUING-MACHINE OPERATOR
GLUING-MACHINE OPERATOR, ELECTRONIC
electronic gluer
panel gluer
GRADER
lumber grader
lumber inspector
marker
sizer grader
GREEN LUMBER GRADER
GROOVER OPERATOR
HANDLE-LATHE OPERATOR
HANDLE-SANDER OPERATOR
HOG FEEDER
INSPECTOR
JIGSAW OPERATOR
fret-saw operator
scroll-saw operator
JOINTER OPERATOR
KILN OPERATOR
dry kiln operator
kiln foreman
KILN STACKER
KILN-TRANSFER OPERATOR
transfer operator
KNIFE GRINDER
cutter-head sharpener
KNIFE GRINDER—Con.
knife-grinder operator
knife-sharpener operator
knife-sharpening-machine operator
tool dresser
tool grinder
tool sharpener
KNOCK-UP MAN
set-up man, sash and door
LATHE SANDER, HAND
lathe sander
LAY-OUT MAN I
LAY-OUT MAN II
band-saw marker
marker
pattern marker
LINDERMAN FEEDER
LINDERMAN OPERATOR
LINDERMAN SET-UP MAN
LISTER
take-off man
LOCK-CORNER-MACHINE OPERATOR
LUMBER CHECKER
LUMBER HANDLER
lumber piler
lumber racker
lumber stacker
lumber sticker
shedman
LUMBER SCALER
LUMBER UNLOADER
LUMBER-YARD MAN
utility man
MACHINE SET-UP MAN
machinist
set-up man
MATCHER FEEDER
MATCHER OPERATOR
MATCHER SET-UP MAN
MILLED LUMBER GRADER
MILLER, WOOD FLOUR
MILLMAN
all-round-machine man
machinist, wood
woodworking millman
MILLMAN APPRENTICE
all-around-machine-man apprentice
MITER SAWYER
MITER-SHAVER OPERATOR
MOISTURE TESTER
MOLDER FEEDER
MOLDER OPERATOR
MOLDER SET-UP MAN
MOLDING CUTTER
miter chopper
MOLDING SANDER
automatic-mold sander
contour sander
MORTISING-MACHINE OPERATOR
MULTIPLE-DRUM SANDER
bed sander
drum sander
four-drum sander
three-drum sander
MULTIPLE-DRUM-SANDER HELPER
drum-sander off-bearer
MULTIPLE-SPINDLE-ROUTER OPERATOR
NAILER
PANEL-FLOW-MACHINE OPERATOR
PANEL-LAY-UP MAN
PANEL MAKER
PATTERN GIRL
PIANO-AND-ORGAN REFINISHER
PLANER FEEDER
PLANER OPERATOR
PLANER SET-UP MAN
PLUGGING-MACHINE OPERATOR
PLUG SORTER
PLYCOR OPERATOR
PNEUMATIC-DRUM SANDER
POLE-SANDER OPERATOR
POLISHER
PREFITTER, DOORS
PROFILE-SHAPER OPERATOR, AUTOMATIC
contour profiler
RADIAL-ARM-SAW OPERATOR
REEL ASSEMBLER
REPAIRMAN, ASSEMBLED WOOD PRODUCTS
RESAW FEEDER
RESAW OPERATOR
resaw-machine operator
resaw man
resawyer
resizer operator
splitter
RIPSAW GRADER
RIPSAW MATCHER
RIPSAW OPERATOR
ripsaw operator, power-feed
ripsaw operator, self-feed
ripsawyer
ROTARY-CLAMP OPERATOR
ROUGH LUMBER GRADER
ROUTER OPERATOR
router
router hand
router-machine operator
routing-machine operator
variety router
SANDER, HAND
SANDER, MACHINE
balloon sander
spool sander
variety sander
SANDER, PORTABLE MACHINE
cleaner
clean-up man
hand sander
SANDER SET-UP MAN
SHAPER OPERATOR
detail-shaper operator
frazer-machine operator
wood-shaper operator
SHAPER SET-UP MAN
SHIM SETTER
patch setter
SMALL-PARTS-SHAPER OPERATOR
SORTER
lumber puller
lumber sorter
puller
racker
separator
SPEED-BELT-SANDER OPERATOR
SPINDLE CARVER
carver, machine
carving-machine operator
SPINDLE SANDER
STACKER, MACHINE
lumber-piler operator
stacker
wood piler
STEAM-BOX OPERATOR
retort operator
stave steamer
steam-box man
steam-tunnel feeder
STOCK GRADER
STOCK-PATCH SAWYER
defect cutter
STROKE-BELT-SANDER OPERATOR
circular-sander operator
elbow-sander operator
stroke sander
SWINGING-CUT-OFF-SAW OPERATOR
SWING-TYPE-LATHE OPERATOR
lathe operator, automatic
variety-lathe operator
TABLE-CUT-OFF-SAW OPERATOR
TELEVISION-CABINET FINISHER
TENONER OPERATOR
TILTING-SAW OPERATOR
TREADLE-CUT-OFF-SAW OPERATOR
TURNING-SANDER OPERATOR
broom-sander operator
TURNING-SANDER OPERATOR—Continued
lathe sander
nash sander
post sander
sanding-machine operator, automatic
TYING-MACHINE OPERATOR
binder
bundler
wire-tier man
UNSTACKER
VARIETY-SAW OPERATOR
combination-saw operator
universal-saw operator
VENEER MARKER
VENEER SANDER
WARBLE-SAW OPERATOR
WHIP SANDER
WOOD-CARVING-MACHINE OPERATOR
carver, machine
carving-machine operator, automatic
multiple-spindle carver
multiple-spindle-carving-machine operator
wood carver, multiple spindle
WOOD-TURNING-LATHE OPERATOR
wood-lathe operator
WOODWORKING-MACHINE FEEDER
WOODWORKING-MACHINE OPERATOR
machine operator
WOODWORKING-SHOP HAND
heading-jointer-operator helper
mill laborer
millman helper
woodworking-shop laborer
WOOD-TYPE FINISHER
YARD FOREMAN

INDUSTRY INDEX

This index provides an entry to the definitions of industries contained in the Section entitled "Industry Arrangement of Titles." The industry designations (abbreviations), complete industry titles, and various inversions of both have been included. Entries in capital letters are the industry titles and those in lower case are the industry designations.

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GLOSSARY

ABSORPTION TOWER: Tank used to form acidic bisulfate, active agent in digesting wood, from ingredients such as sulfur dioxide, lime, manganese, and ammonia.

ABTURATOR CUP: *See* GAS CHECK.

ABUTMENT TOOTH: Tooth used for support or anchorage of partial dentures.

AGATE BEARING: A bearing made of agate used in small scales or precision balances where resistance to corrosion is essential.

AGE: A process of steaming printed or dyed cloth to develop and fix color.

AIR BAG: A heavy rubber tube used to expand inner tubes during manufacture and curing.

AIRGAP: The gap between the rotor and stator of an electric machine.

AIR LANCE: A long metal rod that carries compressed air to its tip. It is used for cleaning purposes.

AIRVEYOR: System by which small articles are blown by compressed air through pipes or ducts from one work station to another.

ALODIZE: A process for bathing metal in hot alodine solution to give it protective coating and surface for painting.

ALPHABETIC-NUMERIC: The characters which include letters of the alphabet, numerals, and other symbols, such as punctuation or mathematical symbols.

ALPHANUMERIC: A contraction of ALPHABETIC-NUMERIC.

ALVEOLOPLASTY: Use of plastic in bony socket of tooth (alveolus).

ANAEROBIC DEVICES: Instruments to remove oxygen from closed container or environment.

ANALOG COMPUTER: A COMPUTER which represents variables by physical analogies. thus any COMPUTER which solves problems by translating physical conditions, such as flow, temperature, pressure, angular position, or voltage, into related mechanical or electrical quantities and uses mechanical or electrical equivalent circuits as an analog for the physical phenomenon being investigated. In general it is a COMPUTER which uses an analog for each variable and produces analogs as OUTPUT. Thus an ANALOG COMPUTER measures continuously whereas a DIGITAL COMPUTER counts discretely.

ANISEIKONIA: Condition in which visual images appear different in size and form, causing eyestrain.

ARM BED: A tube mounted horizontally above sewing machine table. Used to sew articles of concave or tubular shape. Also known as cylinder bed.

ARTICULATOR: A hinged metal device on which plaster models of teeth and gums are mounted to simulate patient's mouth.

ASPIRATED: Dehydrated cells.

AUDIOLOGY: The study of hearing and of hearing disorders.

AUTOMATIC DATA PROCESSING (ADP): DATA PROCESSING performed by a system of electronic or electrical machines so interconnected and interacting as to reduce to a minimum the need for human assistance or intervention.

AUTOMATIC DATA-PROCESSING EQUIPMENT: A machine or group of interconnected machines, consisting of INPUT, STORAGE, computing, control, and OUTPUT devices, which use electronic circuitry in the main computing element to perform arithmetic and/or logical operations automatically by means of internally stored or externally controlled programed INSTRUCTIONS.

AUTOMATIC DATA-PROCESSING SYSTEM: The term descriptive of an interacting assembly of procedures, processes, methods, personnel, and AUTOMATIC DATA-PROCESSING EQUIPMENT to perform a complex series of DATA PROCESSING operations.

BACK GREY CLOTH: Untreated fabric which is fed into fabric-printing machine between cloth to be printed and cylinder blanket to keep edges of latter and back of cloth clean.

BACK-ROLL LATHE: A veneer lathe equipped with knives mounted on impression roller that rotates counter to rotation of log. The knives score log lengthwise causing veneer to be peeled from log in narrow stave and hoop widths.

BAKER'S CHEESE: A cottage cheese whose curd has not been cooked or cut, used to make cheese tortes or cakes.

BALANCE PISTON: A disk placed on shaft of pump or compressor. Pressure is applied to one side to balance end thrust.

BALL MILL: A large steel vessel within which steel balls are rapidly tumbled. Material admitted to mill is crushed by balls and discharged through sifting screens at bottom.

BALL WARP: An untwisted rope of yarn wound on core, usually for dyeing or mercerizing.

BANBURY MIXER: A mixing machine, employing rotating paddles, which permits control over temperature of mixing batch through introduction of steam or coolants into coils within mixing chamber, or through electrical heating units. Commonly used in processing rubber or plastics compounds where chemical or physical changes are accomplished concurrently with mixing process.

BAND: Two plies of rubberized fabric pressed together with ends joined to form endless strip used in building pneumatic tires.

BAT: (I) A fluffy layer which is composed of interlaced and matted strands of fibrous material used for filling or insulating articles such as mattresses or comforters.

—— (II) A wooden spindle upon which felt stock, produced by GARNETT MACHINE, is wound.

—— (III) Plate of steel or pressed grit on which pressed grinding wheel is placed for drying and burning in kilns.

BATTER CLAW: A plaster form covered with felt cloth, attached to mechanical or hydraulic arm, used to spread clay on mold prior to jiggering operation.

BEAD: The core of rubber-impregnated strands of steel wire that form base of pneumatic tire and engage rim of wheel to which it is applied.

BEAM: (I) A cylinder upon which yarn or fabric is wound for dyeing or other processing.

—— (II) A rounded board upon which hides are stretched to be cleaned of hair and flesh prior to tanning operations.

BEAMING KNIFE: A two-handled concave knife blade, ground to fit curve of BEAM II, that is used to scrape hair and bits of flesh from hides or skins.

BEATING MACHINE: A machine equipped with leather strips which, when revolving, beat loose hair, dust, and foreign matter from fur pelts.

BEATING-UP MOTION: The third motion involved in weaving yarn into cloth.

BED CLAMP: *See* CLAMP MACHINE.

BELL REAMER: An expanding bit used to enlarge bottom of holes drilled to accommodate concrete pier footings. The conical shape of resulting hole anchors footing and serves as base for pier construction.

BENCH GRINDER: A small grinding machine for shaping and sharpening cutting edges of tools. It consists of motor, mounted on bench or floor stand, carrying grinding wheel at one or both ends of shaft.

BILGE: The greatest circumference of a barrel.

BILGE OF STAVE: The difference in width between ends and middle of a barrel stave.

BINDER: Tobacco leaves used to hold the inner parts of cigars in place before they are wrapped.

BISCUIT PEG: A handtool used to spread and press the powdered clay into cracks.

BIT: That portion of a smoking pipe held in the mouth and which forms part of the stem. Both stem and bit are often termed bit.

BITE BLOCK: A wax reproduction of a denture used to study relationship of jaws and arrangement of teeth.

BITTER: A handtool used to cut tile to irregular contours.

BLANKET: A band of thick rubber running beneath cloth in cloth-printing machine. Its principal function is to support cloth being printed and to absorb excess dyestuff.

BLIND STITCH: A sewing stitch that does not completely penetrate the material in which it is made. Used to fasten lining into garments so that the stitches do not show on the outside.

BLOCK: A round piece of bronze with concave top used to facilitate the grinding of lenses on fine-grinding and polishing machines.

BLOCK DIAGRAM: (I) A graphical representation of the hardware in a COMPUTER system. The primary purpose of a BLOCK DIAGRAM is to indicate the paths along which information and/or control flows between the various parts of a COMPUTER system. It should not be confused with the term FLOW CHART.

——(II) A coarser and less symbolic representation than FLOW CHART.

BLOCKER: One of a number of leather strips joined together for use as trimming for shoes.

BLOCKING MACHINE: An electric stove equipped with a grill on which BLOCKS, pitch, and lenses are heated. On depressing a lever, hot pitch is forced onto block surface.

BOARD: A sheet of varnished canvas, or a lightweight wooden board, upon which rubber slabs or parts are placed for transportation or storage.

BOARDING: (I) The process of softening leather and developing the grain by rubbing the surfaces together.

—— (II) The operation of shaping and drying hosiery on heated, metal, leg-shaped forms known as hosiery boarding forms or boards.

BOLSTER: The center beam of railroad car truck assembly.

BOLT: A block or section of a log.

BOOK: (I) Pieces of uncured gum rubber or rubber-coated fabric placed between cloth pages or canvas sheets to prevent cohesion.

—— (II) A bundle of half-leaves of tobacco from which stems have been removed. These are separated into right- and left-hand books since cigarmaking machinery works tobacco from only one side of the leaf.

BOX BLANK: The sides, ends, and bottom of a wire-bound box in process of manufacture.

BOX TOE: The toe of a shoe that has been reinforced to maintain its shape and to give reasonable protection to the wearer. Steel, plastic, leatherboard, leather, or glue or shellac stiffened canvas are used as reinforcing materials. Reinforcing process is known as boxing.

BRAIL: A long-handled dip net operated by ropes and pulleys, used for dipping fish from nets and traps.

BREAKER: A strip of loosely woven rubberized fabric applied to pneumatic tire before the tread is put on that distributes pressure when the tire is in contact with ground.

BROKE: Paper discarded because of dirt spots, wrinkles, tears, holes, or other defects, and paper trimmed from rolls or sheets by cutting machines. Wet broke is taken off wet press of paper machine. Broke is usually returned to beater for reprocessing into paper.

BULKING CELL: A rectangular enclosure with an open top and hinged door used to compress tobacco into a bulk.

BUNCH: Crushed or shredded filler leaves pressed together to form inner part of cigars, usually held in place by binder tobacco leaves which are rolled around them.

BUNG: The vent of a barrel or cask.

BUS BAR: Metal conductor forming a common junction between two or more electrical circuits.

BUSHING: Heat resistant metal device with 200–400

holes through which molten glass is extruded to manufacture fiber glass silver.

BUTTON: A steel cylinder used on knitting machine to keep links of pattern chain from engaging and turning gears that activate shafts of machine.

CAKE: Synthetic thread piled into ring shape.

CALENDERING: An operation in the process of making rubber sheeting in which material is rolled to uniform thickness between rolls of CALENDER MACHINE.

CALENDER MACHINE: A machine designed to finish cloth, paper, or rubberized fabric by applying pressure to heavy rollers, some of which are heated. Two to ten rollers are used and various combinations of pressure, heat, and speed produce a variety of finishes.

CALENDER ROLLS: A set of rolls between which fabric receives final pressing during course of manufacture. Usually rolls are heated by steam.

CALIPER CHISEL: A chisel attached to one leg of caliper used to turn wood to specified diameter on wood lathe.

CALKING GUN: A metal cylinder equipped with nozzle, plunger, and lever used to apply calking compound.

CANT: A log that has been slabbed on one or more sides.

CAP-LEAD ASSEMBLIES: Metal cap with extending lead wire. Cap-lead assemblies are used in production of electronic units, such as resistors.

CAPSTAN: Drum-shaped device located between twisting-head and takeup spool of stranding machine.

CARD: A unit of pattern chain used on JACQUARD LOOM. It is a cardboard strip with holes similar to those in player-piano roll punched in it.

CARD CLOTHING FILLET: A long, narrow strip of card clothing consisting of thick foundation material in which are set many fine, closely spaced, wire teeth.

CARDING MACHINE: A machine consisting of cylinders of various sizes covered with wire teeth, used to prepare cotton, wool, and other fibers for spinning by removing impurities and arranging fibers approximately parallel. The carding machine receives fiber as raw stock or LAP II and delivers carded fiber as roving.

CARROTING: The brushing of furs with solution of mercury and nitric acid. This treatment opens sheaths surrounding each fur fiber and permits matting (felting) of fibers in subsequent operations.

CASE CLAMP: *See* CLAMP MACHINE.

CASING FLUID: A flavoring solution applied to tobacco to give it distinctive taste. Usually made according to carefully guarded plant formulas from ingredients, such as tonka beans, rum, licorice, and sugar.

CAUL: A sheet of wood, metal, or other material placed between layers of glued material in press to distribute pressure uniformly and protect facings of material from extraneous glue.

CAUSTICIZE: To make caustic, especially to convert an alkaline carbonate into a hydroxide by the use of lime.

CAUSTICIZER: Tanks used to convert spent liquor and lime hydrate into hydroxide.

CHAFER: A strip of rubberized fabric that covers bead section of tire to protect plies, which cover bead, from rubbing against metal rim of wheel.

CHAIN SAW: A saw made of endless, roller-link chain with saw tooth cut in each link.

CHAIR CLAMP: *See* CLAMP MACHINE.

CHARACTER: Any symbol, such as a digit or letter that is stored or processed by a COMPUTER.

CHARGER: A cylinder, open at both ends, which is inserted in top of hogshead to extend height of hogshead for packing purposes.

CHARGING MANIFOLD: A hollow pipe fixture containing holes which receive and hold capillary tubes of thermostat bellows while they are being filled with gas.

CHEESE: A yarn package on which many short lengths of yarn have been combined into one continuous strand for more efficient use on machines, such as warpers or twisters.

CHEESE TRIER: A long U-shaped cutting knife used by graders to remove sample plug from cheese block.

CHILL-PROOF: To stabilize or eliminate protein compounds in beer to prolong shelf life.

CHOKER: A noose of wire rope hitched about a log by means of which log is dragged or skidded overground.

CHUCKING MACHINE: A type of single- or multiple-spindle lathe equipped to hold individual workpieces in chucks.

CIAIO: A type of counter-forming liquid which hardens when dry to give rigidity to back of shoe.

CINCO BALANCE TESTER: Equipment for determining moisture content of substances, consisting of infrared drying oven and balance scale graduated to show percentage of moisture and solids.

CLAMP MACHINE: A stationary hand-powered or air-driven vise used to force together and hold joints of wooden assemblies in position while being reinforced by nails, screws, staples, and glue. Also known as CASE CLAMP, CHAIR CLAMP, or BED CLAMP, depending on design or purpose.

CLAMSHELL DREDGE: A heavy steel bucket, divided into two parts hinged at top, fitted to derrick and controlled by cables. It is used to dig earth and gravel in construction work.

CLARIFIERS: A machine having submerged, rotating arms with plow blades which scrape settled silt from bottom of settling basin spirally toward center of machine where silt is collected in trough and sluiced through pipes back to river. The clarifier does not clarify in the usual sense; silt is settled by gravity.

CLEARER ROLLER: A small cloth or felt covered roller driven by frictional contact with rollers to keep rolls clean and collect ROVING waste when end breaks.

CLOSURE: The rubber part with hole containing threads to receive screw-in cap for sealing water bottle.

CLOTH BEAM: A spool 4 to 6 feet long on which cloth is wound as it is produced on loom.

CODE: (I) A system of symbols for representing data or instructions in a COMPUTER or a tabulating machine.

——(II) To translate the PROGRAM for the solution of a problem on a given COMPUTER into a sequence of MACHINE LANGUAGE or PSEUDO INSTRUCTIONS and addresses acceptable to that COMPUTER.

COILER HEAD: An attachment on textile machines that coils SLIVER after it has been processed.

COIL FORM: Paper or plastic tube onto which wire coils are wound. Forms vary in length according to number of coils wound on each form. Multiple wound coil forms are cut on bandsaw into individual coils for assembly into electronic equipment.

COMB: Precut undipped pasteboard resembling a hair comb, used for book matches.

COMBER BOARD: Board extending full width of warp and located above warp threads. It is pierced with small holes and serves to keep harness cords in order, one passing through each hole.

COMMUTATOR HUB: Metal structure used to support a commutator.

COMPUTER: An electronic device capable of accepting information, performing mathematical and logical operations on it, and reporting the results—all under control of a stored PROGRAM.

CONE: A tapered cardboard on which thread or yarn is wound.

CONES: A set of small triangular pyramids of clay mixtures and fluxes so graded that they represent series of fusion points. The degree of heat is measured in kiln by observing which of various cones have bent over.

CONFIGURATION: A group of machines which are interconnected and are programed to operate as a system.

CONSOLE: A portion of the COMPUTER which may be used to control the machine manually, correct errors, determine the status of machine circuits, registers, and counters, determine the contents of STORAGE, and manually revise the contents of STORAGE.

CONSTANT: A fixed or invariable value or data item.

CONTACT PROCESS: Catalytic method of producing sulfuric acid by treatment of sulfur dioxide with calalytic agents and reaction of resulting product with water in absorbing towers.

CONTINUOUS MINER: An electric hydraulically operated machine that cuts, loads, and conveys coal from coal seams onto belt conveyors or shuttle cars.

CONTROL PAPER: A narrow ribbon of paper that is perforated by operation of keyboard to correspond to various sizes and styles of type. The perforated ribbon is then inserted in another machine wherein compressed air passing through perforations performs selection of matrices and casting of type metal in the matrices.

COOLANT: A liquid used to cool, lubricate, and wash cutting tool and workpiece contact area during machining. Also known as cutting fluid.

COP: A paper tube on which yarn is wound; also quantity of yarn wound on a cop.

CORDEDGE: A strip of bias-cut cloth folded over cord and sewn to form trimming used in edging wearing apparel.

COUNTERBORING: A machining process in which an enlarged, flat-bottomed cylindrical hole is made at opening of existing hole usually so that bolt head or nut can be seated flush with or below surface.

COUNTING GLASS: A small magnifying glass mounted over square inch frame used to count mesh of wire cloth.

COVER MAT: A square or rectangular mat formed by stapling two thicknesses of veneer staves together. Mats are subsequently cut into circular basket covers or lids.

CRACKS: The outer grooves cut in buhr stones.

CREEL: A rack holding spools or CHEESES from which yarn is drawn in weaving.

CRIB: A large raft of logs with wire rope interwoven between logs to add strength for ocean travel. Sometimes known as Davis Raft.

CRIMPING ATTACHMENT: Two feed rolls and a stuffer box into which yarn is overfed, then folded or bent at a sharp angle and then heat-set during compression by attached heating element.

CRYSTALLOGRAPHIC AXIS: One or more lines of reference intersecting at center of a crystal to determine crystal system to which crystal belongs.

CUP: Similar to SPREADER PAN in which it sets. Spreads molten lead around spreader pan through holes in side. Receives lead as it comes from spout.

CURING OVEN: A loop or roller-type drier through which resin treated fabrics are run in open width at high temperature to convert soluble resin into insoluble compound.

CUTLINES: Outlines of shapes of glass to be followed for cutting and leading stained-glass windows.

CUTTER CHANGE POINT: A point, expressed in three dimensional coordinates, at which cutting tool of automatic machine tool changes direction.

CUTTER HEAD: A rotating tool holder into which blades are clamped. It is used in machine tools in which rotating cutting tools are employed.

CYLINDER SCALE: Same as FAN SCALE, except the reading face is essentially a rotatable cylinder on horizontal axis.

CYSTOSCOPE: Instrument for interior examination of bladder.

DATA PROCESSING: (I) The preparation of source media which contain data or basic elements of information, and the handling of such data according to precise rules of procedure to accomplish such operations as classifying, sorting, calculating, summarizing, and recording.

——(II) The production of records and reports.

DEBUG: To diagnose and correct computer malfunctioning or mistakes in programing.

DECANTER: A rectangular, steel tank in which tar and ammonia are separated by settling according to their differences in specific gravity.

DENSIMETER: A machine that measures density or specific gravity of rubber samples by indicating on dial the maximum amount of air pressure which can be applied to it. (The lesser the amount of pressure, the greater the density.)

DENT: The space between two wires in reed of loom.

DEPHLEGMATOR: A fractionating column attached to a still in which vapor from the still is partially condensed, liquifying a portion of the vapor which is richer in the higher boiling constituents than the original vapor. The condensate may be returned to the still to enrich the vapor coming from it.

DEVULCANIZER: A machine used in treating ground scrap rubber with chemicals and steam to restore it as near as possible to its original physical and chemical state for use as RECLAIM rubber.

DIAGRAM: (I) A schematic representation of a sequence of SUBROUTINES designed to solve a problem.

——(II) A coarser and less symbolic representation than a FLOW CHART, frequently including descriptions in English words.

——(III) A schematic or logical drawing showing the electrical circuit or logical arrangements within a component.

DIAL: A flat circular plate that rotates and presents parts to machine at prescribed intervals. The worker places parts on designated spots on dial.

DIAL INDICATOR: A measuring instrument consisting of a feeler point and a clocklike dial. Also known as INDICATING GAGE.

DIGITAL COMPUTER: A COMPUTER which processes information represented by combinations of discrete or

discontinuous data as compared with ANALOG COMPUTER for continuous data.

DIPPER DREDGE: A floating dredging machine that excavates by means of a single bucket or dipper on an arm and boom.

DOBBER: A device with serrated edge which separates strands of yarn and keeps them parallel.

DOBBY LOOM: A loom usually used for weaving goods of a nonfloral pattern in which the interlacings are complicated.

DOCTOR: A scraper blade that removes excess material from a roller or from sheet material that passes through the rollers. Also known as doctor blade.

DOG: (I) A piece of metal secured to a base or stationary object against which wedges are driven to move large component parts into specified alinement during an assembly or erection operation.

—— (II) A steel, toothlike projection, several of which are attached to a carriage knee and operated by a lever. They are used to secure the log to the carriage.

DONKEY WATCH: A tour of duty on board ship when at dock to watch over auxiliary engines furnishing steam, light, and power.

DOWN TIME: The period during which a COMPUTER is malfunctioning or not operating correctly due to mechanical or electronic failure as opposed to available time, idle time, or standby time during which the COMPUTER is functional.

DRAFT: The extent to which fibers are lengthened by roving. A draft of five means that the fibers have been drawn to five times their original length.

DRAWING-IN: In weaving, the process of drawing the warp threads from the warp beams through the specified HEDDLE.

DRAWING-IN DRAFT: In weaving, a plan prepared on design paper showing how warp threads are to be drawn through the HEDDLE to produce desired pattern. A drawing-in draft is prepared for all fancy patterns.

DRAWING-IN FRAME: A rack on which harnesses are hung while warp ends are being drawn through HEDDLE eyes.

DRIFT PIN: A tapered steel pin for alining rivet holes before inserting the rivet.

DRIP: A tank located below level of gas mains, and connected to main by pipes, for the purpose of collecting condensed water, gas, and tars which must be drained from the main continually to prevent congestion and eventual rupture of the pipe. Capacities of the tanks vary from a few gallons to as much as 500 gallons.

DRIVEMATIC RIVETING MACHINE: A machine equipped with work positioner and tape control that automatically performs drilling, countersinking, dimpling, and riveting operations on aircraft wing panels and fuselage sections.

DROP WIRE: In textile machines, thin metal strip with an eye through which single strands of yarn are passed. If the yarn breaks, the wire drops to cut the electric circuit, thus stopping the machine.

DRYING CANS: A machine used in textile mills to dry fabrics. Several large heated drums, wide enough to accommodate one or two widths of cloth, are arranged in tiers. Cloth threaded through drums contact a large area of each and are rapidly dried.

DUMPING PIVOT: A simple steel basket open at top and one side to accommodate ice freezing containers. The lower corner opposite open side is hinged to facilitate tipping and removal of ice block.

DUROMETER: A device that measures hardness of cured rubber stock by recording on a dial indicator the depth of impression a spring-loaded button can make at specified pounds pressure.

DWELL METER: An electrical meter used to measure dwell or time interval between closing cycle of distributor points of automobile ignition system. Incorrect spacing of points results in improper dwell.

EDGER: A machine that automatically cuts dovetail tongues and grooves in opposing lengthwise edges of boards, applies glue to the formed edges, and interlocks the tongues and grooves of adjoining boards to form panels. Also known as LINDERMAN MACHINE.

ELECTRONIC DATA PROCESSING: DATA PROCESSING performed largely by electronic equipment.

ELECTRONIC DATA - PROCESSING EQUIPMENT: *See* AUTOMATIC DATA-PROCESSING EQUIPMENT.

ELECTRONIC DATA - PROCESSING SYSTEM: The general term used to define a system for DATA PROCESSING by means of machines utilizing electronic circuitry at electronic speed as opposed to electromechanical equipment.

ENGINE LATHE: The basic type of metal-machining lathe or turning machine, consisting essentially of a bed with a headstock and gearbox on one end, a tailstock (no turret) at the other, and a carriage, cross-slide, and toolpost in between.

ERROR: The extent to which precision is lost in a given quantity or the difference between a quantity and its calculated approximation.

EXTENDER: A white inert substance added to pigments and dyes to reduce color strength or give more body.

EXTRACTOR: A device used to extract water from fabrics, knit goods, or other materials by whirling them within a rotating perforated drum at high speed; a centrifuge.

EYELET PLATE: A crossbar attached to CREEL immediately in front of each row of spindles, perforated with same number of holes as there are spindles, that guide individual ends from packages on spindles to loom.

FACING: A machining operation that is a form of turning in which the tool is fed at right angles to axis of workpiece rotation to produce flat surface.

FAKING DOWN: A method of coiling and laying ropes, nets, and other linear materials in overlapping figure 8's so they will run out without tangling when pulled at one end.

FALLER: A narrow metal bar set with one or more rows of sharp, pointed pins that comb through sliver to blend and aline fibers.

FALLER WIRE: A device on a mule-spinning frame to keep yarn under tension during winding and to guide it onto bobbins.

FALSE SELVAGE: An extra layer of selvage woven on each edge of some looped pile fabrics. This selvage is formed by FLOATS inserted to hold loop pile during weaving. Both false selvage and floats are removed after cloth is doffed from loom.

FALSE-TWIST SPINDLE: A hollow spindle with small wheel mounted in its aperture used in manufacture of stretch yarn. Yarn processed through this spindle is commonly referred to as false-twisted yarn.

FAN SCALE: An automatic indicating scale, usually price-computing counter scale, whose reading face is a fan chart.

FEASIBILITY STUDY: A study undertaken to identify various areas of operation within an organization which appear to be susceptible to AUTOMATIC DATA PROCESSING so as to determine the possible impact of ADP within these areas in terms of operating economies or improved management efficiency.

FEATHERS: Strips of metal, flat on one side and curved on the other, used in pairs with wedge between to split stone.

FEED CUPS: Feeding mechanism on sewing machine on which needle operates horizontally. Two wheels or discs which rotate in horizontal plane to pull material between them.

FEED DOG: Knurled metal piece that intermittently feeds fabric material beneath needle of sewing machine.

FEEDER TUBE: A clay tube clamped in orifice of FOREHEARTH to capture and hold gob of molten glass for delivery to bottlemaking machines.

FELL: The edge of cloth nearest to reed as it is being woven in loom; consequently, the last few PICKS which shuttle has drawn through.

FELLING STITCH: A sewing stitch that does not completely penetrate material in which it is made. Such stitching is used to fasten lining into garments so that stitches do not show on outside.

FERRULE: A threaded metal ring to receive screw-in cap for sealing ice bag.

FESTOONS: Two banks of evenly spaced rollers in four-roll calender used for accumulating fabric to maintain continuous operations while making roll changes and for taking up slack in fabric prior to calendering.

FILING JIG: A jig inserted in recessed area of wooden gunstock to facilitate filing, sanding, or scraping of adjacent areas.

FILLER: The tobacco used for the interior portion of cigars, chewing (plug and twist) and plug smoking tobacco.

FILLING: The cross threads in woven fabric that pass over and under the warp threads.

FILLING BOBBIN: A tapered spindle on which FILLING is wound. It is held in battery of loom from where it is automatically injected into shuttle when needed.

FILLING PILE FABRIC: Fabric in which an extra set of filling yarns forms pile. Examples are corduroy and velveteen.

FILM: A thin layer of light-sensitive silver emulsion applied to plates, films, and papers; a photographic material comprising sensitive layer on transparent flexible support; an image on photographic film; the thin skinlike collodion image after removal from its temporary glass or flexible support.

FILTER AID: A substance, such as diatomaceous earth, used to increase effectiveness of filtration equipment.

FILTRACELL: A siliceous material that absorbs impurities and clarifies oil pressed from corn GERMS.

FILTROSE: A catalytic agent used in production of butadiene.

FINDINGS: (I) A term applied to miscellaneous fittings, such as buttons, snaps, eyes, and ornaments that are sewed or otherwise attached to garments and shoes during manufacture.

—— (II) A term applied to unassembled parts of jewelry, such as links, enameled pieces, pin stems, catches, joints, earring clips, and necklace clasps.

FINGER BUFF: Strips of buffing cloth used in manufacture of buffing wheels. These strips are attached to core of buffing wheel with LACING and form fingerlike projections.

FINISH: A starchy compound applied to fabric to give it body.

FIRED POTTERY: Pottery that has been baked in an oven or kiln.

FIXED BRIDGE: A dental appliance that is permanently attached to natural teeth or roots which furnish primary support.

FIXTURE: *See* JIG AND FIXTURE.

FLAGGING: Dried strips of a marsh weed, such as cattail.

FLASH: The ridge or line of excess material left on metal or plastic objects along the parting or closing line of mold. Also known as fin.

FLAT: One of many lattices in chain covered with fine wire and used on CARDING MACHINE to comb fibers parallel.

FLIGHT FOLLOWING BOARD: A board fastened to wall, ruled vertically and horizontally forming rectangular grid spaces, and used to post flight number, airplane number, and arrival times of flights.

FLITCH: A four-sided section of log from which veneer strips are sliced.

FLOATS: The portion of warp or FILLING yarn that extends over two or more adjacent strands of warp threads or filling PICKS to form design during weaving; or that passes through loops of looped pile fabric, such as corduroy, to hold loops in position during weaving.

FLOORS: The concentric grooves cut near the center of buhr stone.

FLOW CHART: Synonymous with process chart and flow DIAGRAM. A graphic representation of the major steps of work in process. The illustrative symbols may represent documents, machines, or actions taken during the process.

FLOUR-ROLL CALENDER: A machine which coats both sides of fabric stock with rubber simultaneously and rolls sheets to specifications.

FLOWER NAIL: A long nail with large head that is used as base to create intricate designs with icings.

FLOWMETER: An instrument for indicating pressure, velocity of flow, and rate of discharge of gas or vapor (such as steam) flowing in pipe. Usually equipped with recording pen and chart.

FLUSHED COLOR: A pigment from which water has been displaced by another liquid such as oil. Most of the water is drawn off top and the rest is removed by vacuum.

FLYER: An inverted, U-shaped metal arm that twists the ROVING or sliver and guides it on the bobbin.

FONT: A complete set of photomatrices which may be made up of individual photomats for each character or all may be combined on a single plate or filmstrip.

FOREHEARTH: A tunnellike structure of fired brick which receives molten glass from melting furnace and maintains it at uniform temperature for delivery to bottlemaking machines.

FORM BOARD: A specified number of FORM STRIPS fastened together side by side with long bolts.

FORMER: A machine used to twist roving or yarn into strands to make rope.

FORMING CHUCK: A metal block shaped to contour and attached to machine spindle which serves dual

purpose of holding and rotating cylindrical workpieces and as forming die to shape workpiece to contour.

FORM STRIP: An aluminum strip to which forms for dipping such items as balloons and gloves into latex are fastened.

FORM TOOL: A cutting tool ground to specific contour in order to machine the inverse contour in workpiece.

FORTRAN: A programing language designed for problems which can be expressed in algebraic notation, allowing for exponentation and up to three subscripts.

FOTO MAT: Linotype metal matrices with small film of letter in center.

FOUR-ROLL CALENDER: A machine which coats both sides of fabric stock with rubber simultaneously and rolls sheets to specifications. Also known as Z-CALENDER.

FOXING: A strip of uncured rubber or rubber-coated fabric placed around footwear at juncture of sole and upper to hold them together, improve appearance, and waterproof article.

FRACTIONATOR: A conical centrifuge used to isolate proteins from whole blood plasma in production of drugs. Plasma is diluted with alcohol to increase its acidity and centrifuge, causing protein to settle to bottom.

FRAMING TIMBERS: To cut, trim, notch, bore, and shape wood products, such as poles, trusses, spans, stringers, and ties.

FRAZING MACHINE: A machine which guides briar block against cutters to duplicate preselected pipe shape. A clamp-fitted shaft and a cam follows a master model to shape shank and lower half of bowl.

FREENESS: The quality of pulp stock that determines rate at which it parts with water when being formed into sheet on wire screen or perforated plate. The same quality is known as freeness, slowness, or wetness according to type of instrument used to estimate it.

FRENCH BINDING: A narrow strip of fabric that is stitched to edge of shoe uppers and folded over to form smooth finished edge.

FRENOTOMY: Cutting of mucous membrane under tongue.

FROTHING MACHINE: A mixing machine with electrically operated agitating paddles used for mixing air with latex to obtain desired density.

FULLING MILL: A machine that shrinks and felts fibers of woolen cloth through application of moisture, heat, friction, and pressure. May be used to crush and dust carbonized vegetable matter from dry woolen cloth.

FURNISH: The mixture of various materials, such as pulp, sizing, fillers, and dyes, from which paper is made.

FUR MACHINE: A special type of machine that sews leather or skins of fur with chain stitch. The material moves sideways, instead of away from the operator.

GAGE BLOCKS: Hardened steel blocks, each of a standard dimension, used as standards in precision measuring. Sometimes referred to by trade names, as JOHANSSON BLOCKS, or (in shop usage) JO-BLOCKS.

GAMB STICK: A metal or wooden rod with pointed or hooked ends which are inserted through the tendons on the hind legs of animal carcass to hold the legs apart while animal is dressed. The stick has a rind in the center for attaching to a trolley or an overhead rail.

GANG KNIFE: A set of knives, arranged to be raised and lowered by hand, used to slice fish into several pieces of predetermined length.

GANGSAW: A number of circular saws keyed to one shaft to perform several cutting operations simultaneously.

GARNETT MACHINE: A machine similar to a CARDING MACHINE, used to open hard-twisted yarn wastes, rags, and clippings. Cylinders are covered with coarse wire teeth.

GAS CHECK: A metal cup, coated with oil or wax, that expands to form a gastight, moving seal under piston of device used to measure pressure produced within gun barrel by exploding cartridge.

GEAR CAGES: A cluster of gears, bearings, and locking devices usually attached to a shaft.

GEAR GENERATING: A gear-machining operation in which the cutter teeth have (or simulate) the shape of mating gear teeth rather than of the space between the teeth, and the cutting is done as the cutter and gear blank rotate together.

GEL: A heavy fluid containing solid materials, such as round-grained sand, walnut hulls, or aluminum pellets, and used, along with pressure, to fracture gas or oil-bearing rock formations.

GERM: A term sometimes applied to the embryo which occurs in seed plants immediately after fertilization and then undergoes a resting period in the seed until germination takes place.

GIMP THREAD: Heavy twinelike thread used to reinforce edges of buttonholes in heavier garments.

GORE: An elastic insert in side, front, or panels of a shoe used to decorate or reinforce, or to allow stretching that will provide additional comfort and freedom of movement to wearer.

GREIGE: Untreated textile fabric as it comes from the loom or knitting machine, so called because of its gray, unfinished appearance.

GRIZZLY: A device consisting of a group of strong iron bars or revolving disks used to size broken rock or coal.

GROUND TACKLE: The anchors, cable, and other gear used to secure a vessel at anchor or dock.

HALF LAP: Approximately half of a hollow, cylindrical shell on which are fastened 17 brass bars set with steel needles. The size of the needles and their spacing varies from bar to bar.

HALFTONE CUT: A printed impression made from halftone plate.

HAMMER MILL: A grinding mill that breaks up particles of material by impact of whirling bars (hammers) attached to rapidly rotating hub.

HAND: (I) The feel of textile goods as soft, harsh, smooth, rough, boardy.

—— (II) A bundle of tobacco leaves tied together at the stem ends, usually with a tie leaf of tobacco.

HARNESS FRAME: Two wooden laths upon which are suspended series of cords or wires called HEDDLES.

HARP: Metal frame crossed horizontally or vertically with fine cutting wire to cut curd (coagulated or thickened part of milk) in vat or kettle to measured size.

HEADER: A fabricated chamber to which series of tubes are joined to permit free circulation of fluid within water tube boiler.

HEDDLE: A fiber or metal strand on HARNESS FRAME of loom through which warp threads pass.

HIGH-LEAD RIG: Any of several logging systems that utilize one or more tall spar trees with main operating line running from top of spar outward over yarding area.

HOB: A gear-cutting tool shaped like worm whose threads are interrupted with grooves to form series of cutting teeth.

HOBBING: A gear-machining operation in which teeth are generated by rotating HOB and gear blank against each other with action similar to that of worm gear. *See* GEAR GENERATING.

HOG MILL: A power-driven machine for cutting scrap wood into fine particles suitable for blowing as fuel into fireboxes or boilers with compressed-air jet.

HOOKER MACHINE: A machine that folds cloth by means of blade that guides fabric back and forth across surface of table.

HYDROL: A light-brown sirupy liquid formed in manufacture of dextrose.

IMPACT WRENCH: A pneumatic wrench used to tighten or loosen nuts and bolts.

INDEXING: Moving workpiece or toolholding device, such as a turret, to a series of regularly spaced positions to repeat an operation or to perform a series of operations at predetermined intervals.

INDICATING GAGE: *See* DIAL INDICATOR.

INPUT: Information transferred from auxiliary or external STORAGE into internal STORAGE.

INSTRUCTION: A set of COMPUTER WORDS or CHARACTERS that define the operation to be performed by a COMPUTER.

INVEST: To cover, envelop, or surround wholly or in part an object, such as denture, tooth, wax form, crown, etc., with heat-resisting material (refractory material) before curing, soldering, or casting.

INVESTMENT: A pastelike material used to maintain positions of metal parts during soldering or welding.

INVOLUTE CHECKER: A device for inspecting involute curves on teeth of gears, splines, etc.

JACQUARD LOOM: Loom equipped with device for weaving figured fabrics. The Jacquard attachment consists of mechanism controlled by perforated cards which cause warp threads to be lifted in proper succession for producing figure.

J-BOX: A vertical tunnel or container, shaped like letter J, used in wet-cloth finishing operations to make process continuous.

JIG AND FIXTURE: Frequently the terms "jig" and "fixture" are used interchangeably. More precisely, jig is defined as a device that holds work in position and also guides tools acting upon the work; while fixture is considered as a clamping device with no provision for guiding tools.

JIGGER: Small pointed metal instrument, resembling sharpened pencil, used in assembling ribs of expansion metal watch bands.

JO-BLOCKS: *See* GAGE BLOCKS.

JOHANSSON BLOCKS: *See* GAGE BLOCKS.

JOLLY: An apparatus similar to a jigger by which plastic clay is formed into pottery, such as cups, urns, and planters. The shaping tool, suspended from cable with pulley and counterweight in upright support, shapes inside of ware.

JUMP IRON: A heavy iron, supported by movable arm, designed to eject steam through holes in bottom. A pedal is depressed to lower iron and to apply pressure to article being pressed. The iron is pushed back and forth manually.

KAPLAN: A control for water turbines which varies pitch of blades in accordance with load, resulting in high efficiency over large-load range.

KNOTTER: A device that ties two threads and clips off loose ends in one operation. May be strapped to hand or around waist. On automatic spoolers or winders knotter is part of machine and yarn is drawn into knotter by vacuum.

LACING: A circular metal strip with serrated edges used in manufacture of buffing wheels to secure buffing material to center of wheel. The serrated edges are bent outward to form groove in which material is inserted.

LADDER DREDGE: A floating dredging machine that excavates by means of a series of buckets on endless chain.

LAG BOLT: A lag screw; a screw with wood-screw threads on one end and tap-screw threads or wrench head on other end.

LAP: (I) A tool, usually of softer material than workpiece and of complementary shape, which is charged with LAPPING COMPOUND. *See* LAPPING.

—— (II) A roll of loosely matted cotton fiber.

—— (III) A horizontal wheel or disk made of cast iron, used to fine-grind flat surfaces on diamonds or other stones.

LAPPING: Smoothing, finishing, or achieving an extremely close tolerance (e.g., 0.000002 inch in gage block manufacture) on metal surface by means of a LAP that is charged with LAPPING COMPOUND and rubbed against workpiece in rotary and/or reciprocating motion, either by hand or machine. Matching workpieces may be lapped against each other to assure a close fit. Sometimes used loosely to denote fine grinding or honing.

LAPPING COMPOUND: A fine abrasive flour, usually mixed with oil, water, or some other vehicle in the form of paste, which becomes imbedded or "charged" in the LAP. *See* LAPPING.

LAP-UPS: A term used in textile industry denoting material (lap, thread, fibers, etc.) which becomes entangled in or wound about machinery.

LASER (Light Amplification by Stimulated Emission of Radiation): A device in which chromium atoms are excited by intermittent flashes of light, causing them to emit radiation in form of light. This radiation is in turn amplified by mirrored ends of atom emitter.

LASTING: The operation of tacking a shoe upper and insole to a last or of turning down and sticking together the upper and sole of rubber footwear by hand or machine.

LASTING TOOL: A combination handtool usually composed of hammerhead, pincers, and tack puller used in construction of shoes. Also known as lasting pincers or shoemaker's pliers.

LATCH NEEDLE: A knitting-machine needle, the hook of which can be closed by a latch pinned to shank of needle. When latch is closed, the needle, carrying yarn, may be drawn through loop to form a chainstitch.

LATCH-UP NEEDLE: A NEEDLE used for hand mending dropped stitches or runs in hosiery or knitted garments.

LAUTERTUB: A closed, insulated tank containing cutting-raking device, metal filter, and sprinkling device used in beer manufacture to withdraw clear wort from grain mash.

LAY: A number of layers of material, each layer being placed on the layer beneath, with corners and edges in coincidence.

LAYBOY: An automatic mechanism that receives, stacks, and jogs sheets of paper into piles. It may be attached to machines, such as cutters, printing presses, or ruling machines. Generally equipped with counting and tabbing devices.

LEACH TANK: A tank containing hot water into which uncured balloons are dipped to remove bitter taste of coagulant.

LEADER: A piece of fabric or other material, attached to one end of cloth or yarn that serves to pull and guide it through a machine at the beginning of the operation.

LEAD WIRES: Soft metal wires used to take impressions between two adjoining parts to determine clearances measured by micrometers.

LEASE: The method of arranging and retaining strands and skeins in an orderly fashion to prevent tangling during processing and weaving.

LEASE ROD: A long oval rod, usually of wood, inserted between the threads of a warp to form a LEASE.

LEASE STRING: Strings inserted between the threads of a warp to hold the threads in the same relative position for drawing-in or tying to old warp.

LEHR: An enclosed tunnellike oven containing heating and cooling elements through which materials such as glass are conveyed for heat-conditioning and slowly and evenly cooled to eliminate internal stresses.

LETOFF RACK: A rack that operates with braking action permitting machine to pull material from a roll.

LET-OUT PELT: Fur pelt cut into diagonal strips and resewn to make pelt longer and narrower and to improve its quality and appearance.

LEVER: In a scale, a part provided with pivots or plate fulcrums for translating external forces.

LIGHT TABLE: A table or bench having translucent top over a light source. It is used in examining objects where it is desired that no shadow will be cast.

LINDERMAN MACHINE: *See* EDGER.

LITE: Flat glass cut to specified size from continuous sheet of glass.

LITHOGRAPHIC STONE: A fine-grained, porous limestone on which designs are transferred for lithographic printing.

LOADING BOX: A receptacle, usually part of or rigidly attached to a lever into which molten metal or equivalent may be poured to aid in balancing scale under a zero load.

LOOM BEAM: A large wood or metal cylinder, 4 to 6 feet long, on which are wound the warp threads for a loom.

LOOPER: Part of mechanism of sewing machine that forms loop in thread, through which needle passes to make a lockstitch.

LOOPING LINE: A line of stitches knitted into both sides of the open toe of seamless hose as a guide along which the looper must set the stitches to produce a straight looped toe.

LOOPING MACHINE: (I) A machine that forces ends of helical springs around die to form a hook so that springs can be linked to other bedspring parts.

—— (II) A machine that knits two parts of knitted garment or stocking together.

LOUPE: A magnifying glass.

LUMITE: A liquid which hardens when dry to give rigidity to back of shoe.

MACHINE LANGUAGE: *See* MACHINE ORIENTED LANGUAGE.

MACHINE ORIENTED LANGUAGE: (I) A language designed for interpretation and use by a machine without translation.

—— (II) A system for expressing information which is intelligible to a specific machine, e.g., a COMPUTER or class of COMPUTERS. Such a language may include instructions which define and direct machine operations and information to be recorded by or acted upon by these machine operations.

MAGNETIC TAPE: A continuous flexible recording medium whose base material is impregnated or coated with a magnetic sensitive material ready to accept data in the form of magnetically polarized spots.

MAKE-OVER: In newspaper work, subject matter that is to replace copy on newspaper pages to make a new edition.

MASER (Microwave Amplification by Stimulated Emission of Radiation): A device which subjects molecules or atoms of a paramagnetic material to a microwave signal which triggers release of radiation.

MASTER: Copper negative electroplate made by electrodeposition on original lacquer recording disk on which a record has been made. Required in making STAMPER, which presses positive of recording into phonograph records.

MASTER STRAIGHTEDGE: A straight slender bar made of rigid material, which is placed across wide points of contact to hold the level on a structure to be leveled.

MAT BOARD: A cardboard material with a dull finish on one side, used for picture borders. It is prepared in white and tinted finishes.

MATHEMATICAL MODEL: The general characterization of a process, object, or concept, in terms of mathematics, which enables the relatively simple manipulation of variables to be accomplished in order to determine how the process, object, or concept would behave in different situations.

MEASURING WIRES: Accurately made short wires of standard diameters, for use in precision measuring of gear or thread dimensions.

MECHANICAL PRINT: An engineering drawing that is the actual pictorial presentation of a product, part, or machine, showing dimensions, type of material, wiring, and other details.

MEGGER: An instrument used to measure insulation resistance or electrical resistance of electrical equipment, such as powerline poles.

MEMORY: *See* STORAGE.

MENDING DISK: An electrically powered mending device containing wire or plastic fingers that revolve rapidly to pull picked or pulled threads into position on hose.

METALWORK: The skeletal portion of a dental appliance around which and to which are attached the remaining portions of the appliance to produce the finished unit.

MILANESE FABRIC: A highly run-resistant knitted fabric in which the yarn runs diagonally across the face of fabric. The fabric is usually made into gloves and underwear.

MILIEU THERAPY: Method of treatment in which interaction of patient and environment are utilized.

MILL: A small, soft-steel cylinder upon surface of which a design in relief is made by rolling in contact with die.

MILLING CUTTER: A multiple-toothed or fluted disk or cylinder that shaves the surface of a workpiece as it is rotated in contact with the material.

MINERAL WOOL BLANKET: A continuous ribbon of mineral wool fibers, 2 to 4 inches thick and up to 10 feet wide, that is cut into insulation batts and felts.

MOLD-PRINTING BOARD: The board on which molds are fixed in rows and which, when placed upside down over a tray of leveled starch leaves indentations into which fluid candy is introduced.

MORTAR GUIDE: A metal band that fits the edge of a stone and has a projecting side the thickness of a joint.

MOSS: A form cadmium metal takes when the molten metal drops into cold water. This bubblelike form of solidified metal enhances dissolution.

MOTHER: Nickel positive electroplate made by electrodeposition on MASTER electroplate. Required in making STAMPER, which presses positive of recording into phonograph records.

MUFFLE FURNACE: A closed furnace designed so material may be placed in it, yet not come in direct contact with the fire.

MULTIMETER: A meter used to test electrical or electronic circuits that serves as an ammeter, ohmmeter, voltmeter, and other test meters in a single unit.

NARROWING: The process of contracting size of knit articles, especially a stocking, by taking two stitches in one.

NAUMKEAGING MACHINE: A shoe-buffing machine equipped with an inflated, fine-abrasive pad revolving on upright spindle. Pad is filled with air from compressor attachment of machine.

NECK RING: A cast iron ring which is used in conjunction with mold to form neck of bottle.

NEEDLE: One of a set of parallel slender rods or wires fitted into slotted metal bar used in knitting to hold stitch formed by SINKER II.

NEEDLE BAR: A slotted metal bar in which knitting needles or points are inserted and clamped to plates that hold them in position in knitting machine.

NEEDLE BOARD: A long, narrow board into which are set hundreds of needles to punch bits of felt between threads of burlap or other textile.

NEEDLE JACKS: Small metal pieces, fitted into grooves in needlebed of knitting machine, that transmit reciprocating motion to needles.

NEPS: (I) Little knots in cotton fiber formed by irregular growth of plant or by friction in process machinery.

—— (II) Minute, tangled masses of cotton, wool, or synthetic fibers.

NOTAMS (Notice to Airmen): A notice or report to inform flight crews of hazards in flying and landing aircraft and changes in condition of navigational aids or landing facilities.

NUMERICAL CONTROL: A system of automatic-machine operation in which product specifications are translated into numerical-machine instructions which are recorded on cards or tape (punched or magnetic) and transmitted through control unit to the machine, so that it automatically performs specified operations, often verifying results and making corrective adjustments automatically.

OCCLUSAL HARMONY: The occlusal relationship of opposing teeth in all functional ranges and movements that provides greatest masticatory efficiency without causing undue strain upon supporting tissues.

OFF-LINE: Pertaining to the operation of INPUT-OUTPUT devices or auxiliary equipment not under direct control of the central processing unit.

ON-LINE: Pertaining to the operation of INPUT-OUTPUT devices under direct control of the central processing unit.

OPTICAL FINISH: The quality of surface of lens after scratches and pits have been polished out. The optical finish is determined by inspecting lens under magnifying glass.

OPTICAL FLAT: A tool made from transparent material, such as fused quartz or glass, whose surface is polished to be a true plan within tolerance of millionths of an inch. Used as precise measuring gage of flatness of surfaces by reflection of monochromatic light.

OPTICAL SCANNER: A device that automatically samples or verifies a number of measuring points and indicates those that have drifted from their desired values.

ORDER: To condition tobacco for handling by subjecting it to steam or water.

ORDERING MACHINE: A machine in which tobacco is brought to desired moisture content by application of water or steam spray in cylindrical device or compartment through which conveyor belt passes.

OUTPUT: Information transferred from internal STORAGE to external STORAGE or to an ON-LINE OUTPUT device.

OVERBURDEN: Overlaying earth and rock deposits which cover coal, ore, or rock in strip mine, open pit, or quarry.

PACKAGE DYEING MACHINE: A dyeing machine resembling large pressure cooker. The yarn to be dyed is wound on perforated beams or tubes so that dye solution can be circulated through package.

PAGODA: A removable assembly of cone-shaped steel troughs placed inside a retort to provide greater heating surface for sublimation of magnesium.

PALLET: A metal fixture weighing over 100 pounds that holds workpieces as they are machined in transfer machine. It rides on track from which it is never removed and is lifted into position at each work station by hydraulic pushers.

PALLET STONES: Jewels in pallet of watch which provide a hard, smooth surface on which teeth of escape wheel act.

PAPER TAPE: A strip of paper capable of storing or recording information. STORAGE may be in the form of punched holes, partially punched holes, carbonization or chemical change of impregnated material, or by imprinting. Some PAPER TAPES, such as punched PAPER TAPES, are capable of being READ by the INPUT device of a COMPUTER or a transmitting device by sensing the pattern of holes which represent coded information.

PARAMETER: (I) A quantity in a SUBROUTINE whose value specifies or partly specifies the process to be performed. It may be given different values when the SUBROUTINE is used in different main ROUTINES or in different parts of one main ROUTINE, but usually remains unchanged throughout any one such use.

—— (II) A quantity used in a generator to specify machine CONFIGURATION, designate SUBROUTINES to be

included, or otherwise describe the desired ROUTINE to be generated.

PARAMETER: (III) A CONSTANT or a variable in mathematics which remains fixed during some calculation.

—— (IV) A definable characteristic of an item, device, or system.

PARTICLE BOARD: Boards made from resin-bonded wood chips used as lumber substitute.

PATCHBOARD: A component of some DATA PROCESSING machines which permits the expression of INSTRUCTIONS in a semifixed COMPUTER PROGRAM by the insertion of pins, plugs, or wires into sockets or hubs in the components in a pattern to represent instructions and thus making electrical interconnections which may be sensed by the DATA PROCESSING machine.

PATTERN CHAIN: The part on textile or sewing machines that controls certain machine actions to produce desired pattern, color, shape, size, or novelty effect. On DOBBY LOOMS and knitting machine, the chain is made of joined metal links or pegs; on JACQUARD LOOMS, it consists of perforated cardboard strips joined by cords; on embroidery machines, it is a perforated strip.

PELLITZER: A revolving pan, about 12 feet in diameter, set on an angle.

PENCIL EDGE: The round or convex surface edge of glass or mirror after edges have been ground. To apply such edge by grinding.

PERIPHERAL EQUIPMENT: The auxiliary machines not under the control of the central COMPUTER.

PICK: (I) One thread of FILLING either before weaving or in cloth. Number of picks per inch of warp is measure of fineness of fabric.

—— (II) A short metal rod tapered to a point and mounted in wooden handle, resembling an ice pick, used by wire weavers to pick up and reweave broken wires.

PICK COUNTER: A device containing magnifying lens and pointer, used in counting threads per unit space and in other ways in examining cloth.

PICKING MOTION: The second of three basic motions involved in weaving yarn into cloth. The motion resulting from mechanism of loom that propels shuttle from one side of loom to the other.

PICOT BAR: A bar of knitting machine that holds slender metal rods (picot points) used to knit a row of large, wide stitches (picot stripe) after welt is knitted.

PIECE UP: The joining or union of two or more ends of sliver, slubbing, ROVING, or yarn by twisting or intermingling fiber ends with fingers.

PILE WIRES: Strips of metal that are inserted into SHED of looms to form pile fabrics, such as carpeting.

PIN BRIDGE: Similar to PINGAGE PLATE except that plate is mounted in bridgelike fixture. The plate of cartridges is set in fixture and raised by treadle action against PINGAGE PPLATE.

PINCH CLEAT: A metal cleat that fits around ends of steel bailing straps. When pinched by strapping tool cleat secures ends and keeps strap taut on bale.

PIN GAGE PLATE: A plate containing rows of equidistant free-floating pins. The pins are inserted in cartridges and are pushed up by powder in cartridges, or remain down if any cartridge has been skipped.

PIN JACK: A cast iron pedestal, usually fastened to shoemaker's bench, on which shoe last is placed during processing operations.

PITCHED WORT: Wort (unfermented beer) with added yeast to promote fermentation.

PITCH FINGER: A metal rod mounted over journal of mill that is used to pitch design on mill in register with other portions of design during engraving process.

PLANER GAGE: A work aid consisting of two right-triangle ground metal blocks fastened together to enable user to adjust their outer parallel surfaces to any dimension within a given range by sliding one block on the other.

PLANETARY ACTION: A double mechanical motion in which a tool is rotated on a center, while that center is revolved in another circle at the same time.

PLATE PRESS: A filter press that removes water from gluten.

PLISSÉ: Crepe fabric which is formed by printing caustic soda on cotton cloth. The printed areas shrink causing unprinted areas to blister, forming raised design. Widely used for garments, such as nightwear.

PLUG: Rubber block marked to indicate hat size.

PLUGBOARD: *See* PATCHBOARD.

PLUMBERS "SNAKE": A flexible steel cable or ribbon which is forced through drains and sewers to remove obstructions.

POACHING: Process of removing acid and impurities from nitrocotton prior to processing into explosives.

POINTS: One of a set of parallel slender rods fitted into slotted metal bar used in knitting to form or position stitches or loops.

PONTIC: The suspended tooth of a fixed partial denture that replaces lost natural tooth.

PORCUPINE: A studded, iron ball suspended from cable on electrically controlled drum on the larry.

POTENTIAL DIFFERENCE: A difference in electrical states existing at two points, which causes current to tend to flow between them. It is measured by work done in transferring a unit charge of electricity from one point to the other.

POTEYE: A ring-shaped device through which open cloth is drawn to bunch it longitudinally into ROPE FORM.

POUNCE: (I) To transfer a design through perforated paper stencil by rubbing or striking perforations with bag of powder or charcoal.

—— (II) To smooth surface of felt hat with sandpaper.

POWER PRESS: A machine, used in conjunction with dies, for forming, molding, cutting, and shaping of materials under great pressure.

PREFORM RUBBER: Uncured rubber that is precut to provide specific amount of rubber necessary to fill each mold cavity.

PRICKLER ROLL: A large metal roll with sharp protruding pins that puncture rubber-covered belt to remove trapped air.

PRIMING: Pulling prime (mature tobacco leaves) one by one from plants as they mature in field.

PRINTED CIRCUIT BOARD: A conductive pattern reproduced on insulator (usually laminated plastic) used in place of wires in electronic equipment.

PRINTING ROLLER: *See* PRINTING SHELL.

PRINTING SHELL: A large, engraved copper roller used to print designs in color on cloth when mounted in printing machine.

PRODUCTION: Pertaining to work done in manufacture of identical or similar items in relatively large lots or runs, from approximately 100 up to millions of a kind; products are usually standard items and setups are infrequently changed.

PROFILAMETER: An instrument for measuring roughness or smoothness of surface finish of machined parts.

PROGRAM: A plan to be followed to solve a problem or to process data by means of AUTOMATIC DATA-PROCESSING SYSTEM. A PROGRAM usually includes plans for transcribing and coding data as well as for use of results.

PROGRAM MACHINE: A testing device equipped with clocks and mechanism which feeds perforated tape through machine on 24-hour cycles. Perforations permit electrical contacts which open and close relays to discharge cells at prescribed intervals.

PROGRESSIVE DIE: An integrated stamping die made up of several die units or stations through which workpiece is indexed one station at a time for a series of operations. Usually, a continuous strip of sheet metal is fed into press and completely formed workpiece is ejected from other end with each action of press.

PRONGS: Scissorslike tool with three tines, one on one handle and two on other, used for gripping and twisting.

PROOF BOX: A cabinet conditioned by steam to maintain constant humidity and temperature of about 80° F. Leavened dough is enclosed in box to accelerate fermentation of yeast. Also known as dough closet.

PROP WIRE: A thin strip with an eye through which single strands of yarn pass before machines. If yarn breaks, wire drops to cut electric circuit and open electromagnetic clutch, thus stopping machine.

PROVER: A device for passing measured amount of gas or compressed air under constant pressure through gasmeters to test accuracy of meters.

PSEUDO INSTRUCTION: (I) A symbolic representation in a compiler or interpreter.

—— (II) A group of characters having the same general form as a COMPUTER INSTRUCTION but never executed by the COMPUTER as an actual INSTRUCTION.

PUG MILL: A machine which mixes plastic clay and delivers it in homogeneous, compact form suitable for making pottery. Frequently mill is equipped with vacuum chamber to remove air from clay.

PULL-TEST MACHINE: A testing device in which pounds of pull, necessary to pull bullet out of cartridge case, are measured.

QUARTERS: The parts of the upper of a shoe that extend from vamp to back.

QUILL: *See* FILLING BOBBIN.

QUILLER: A machine that separates strands of yarn in warp and winds each strand on bobbin or quill.

RACK: (I) The standard unit of measure for lace. It is the amount of lace woven by 1,920 single motions of loom.

—— (II) An element of the indicating mechanism, usually mounted vertically, consisting of a straight bar with teeth on one face designed to mesh with those of a pinion, and so attached to lever train that its vertical motion is proportional to the change in applied load.

RADIAL DRILL PRESS: A machine tool used primarily for metal drilling, which consists of central column and horizontal radial arm to which a vertical drilling spindle is attached.

RADIO FIX: Straight-line radio signal or signals on which receiving station takes bearings to determine geographical position. Radio fix is used in both marine and air navigation.

RANGE: An arrangement of machines used to perform a number of yarn- or cloth-processing operations continuously by feeding material to each unit in succession automatically and without interruption.

RASCHEL FABRIC: A fabric produced on raschel-knitting machines which may vary from the sheerest tulle to coarse carpeting, including specialties, such as lace and elastic fabrics.

READ: To copy information from one form of STORAGE to another or to SENSE the meaning of stored information.

RECLAIM: Rubber material recovered from scrap rubber goods by chemical treatment.

REED: One of a number of thin, flat pieces of steel wire between which warp threads are drawn after they pass through the harness of a loom. They push the filling against the fell of the cloth.

REED HOOK: A flat metal tool, similar to crochet hook, used for drawing individual strands of yarn through reed of loom.

REEFER: The refrigerated compartment on a ship in which perishable food is stowed.

REFRACTOMETER: An optical instrument that measures index of refraction of a liquid, from which percentage of sugar, alcohol, salt, or other substances can be determined by comparison with a chart.

REGISTER: Correct relative position of two or more colors when printed from color plates.

REGISTER WHEEL: A large indexed wheel on pantograph or engraving machine. A gross setting on larger register wheel results in precise placement of design on smaller printing roller.

RELIEVING: A machining process in which a FORM TOOL is used to cut teeth for cutting tools to specified contour.

REST-BEER: Beer left in tanks which is drawn off, mixed with other beer, and filtered.

RETAINER: That part of a fixed or removable partial denture which unites abutment tooth with suspended portion of denture.

RIBBON: Thin metal strip or band used for transmitting force, as from the lever system to the cam of a pendulum assembly. Sometimes called a tape.

RICK: A stack of split wood or pole sections measuring 4 feet high, 8 feet long, and 16 inches wide. One rick equals 42⅔ cubic feet.

RIFT: The direction of the plane of fracture in stone along which it can be split most easily.

RING-ROLLING MACHINE: A machine with one or more pairs of arms which revolve away from each other, catch latex at point of dipping, and roll it up the neck forming the ring of balloon.

ROLLING TABLE: A heated press, the upper platen of which lowers and pivots on a shaft, to compress and roll resin impregnated fabrics onto mandrel.

ROLL PICKER: A pneumatic tool which removes lint and trash from spinning and roving frames by winding it on rapidly rotating spindle.

ROPE FORM: The form in which cloth is gathered or bunched into longitudinal folds by being drawn through a ring or series of rings. Some processing is more easily accomplished with cloth in this form.

ROTARY LATHE: A machine for cutting thin sheets of veneer from logs. The log is supported and rotated

on horizontal axis as heavy steel knife is fed against its surface to slice thin sheet of wood from circumference.

ROUNDING JACK: A handtool for trimming hat brims. One end of tool is fitted with sharp blade and the other end is shaped to rest on crown of hat. The tool is drawn around hat brim, using crown as guide, to cut off excess material.

ROUTINE: A set of coded INSTRUCTIONS arranged in proper sequence to direct the COMPUTER to perform a desired operation or sequence of operations. A subdivision of a PROGRAM consisting of two or more INSTRUCTIONS that are functionally related; therefore, a PROGRAM.

ROVING: A continuous, soft, slightly twisted strand of fibers. It is the product of a roving frame, is made from sliver, and is used to produce yarn.

ROYAL JELLY: Partially digested honey and pollen spewed by honeybees to feed larval bees. Honeybees place excess amounts of thin substance in the cells of queen bee larvae.

RUN: The performance of one PROGRAM on a COMPUTER, thus the performance of one ROUTINE or several ROUTINES linked so that they form an automatic operating unit, during which manual manipulations by the computer operator are zero or at least minimal.

SARATOGA: A box or hamper used to carry tobacco during various stages of processing.

SASH GANGSAW: A series of heavy saw blades set in metal frame that reciprocates vertically, used to cut several boards simultaneously from log or cant.

SCINTILLATION AND POSITRON SCANNERS: Instruments for measuring physical properties of radium.

SCRAY: A container or rack used to collect sheet material, such as cloth, in folds or pleats for drying or inspection; or to allow for accumulation of goods between machines operating at different speeds to process material in a continuous operation. It also allows additional cloth to be sewed on without stopping machine.

SCREED: A wooden or metal strip, cut to coincide with proposed sectional contour of roadway, used to level fresh concrete or asphalt.

SCREEN: A sheet of glass ruled in fine lines, used in the reproduction of halftones. The screen is inserted in the camera, and divides the photograph into a gridiron of squares or dots. The density of shade or tone of any portion of the halftone is determined by the number of dots per unit area that exist on the halftone.

SEARCHER: A notched metal strip, tooled to 0.0005 inch thickness, used to remove small particles of threads from brass bobbins.

SEED: Crystallized sugar added to supersaturated corn-sugar solution to hasten formation of corn-sugar crystals.

SENSE: To READ the holes punched in a card or tape.

SERGING STITCH: A V-shaped stitch sewn over edge of fabric to prevent raveling.

SET: To widen toe points of saw teeth to cut a kerf wider than thickness of saw blade. The set prevents saw from binding or rubbing in the kerf.

SET POINT: A point in space, expressed in three dimensional coordinates, at which tip of cutting tool of automatic machine is set before the start of machining operations.

SHADOW LINES: Lines on power ripsaw machine table cast by wire hung between light source and table. Used as guides by saw operators in alining boards before they enter the saw.

SHED: The opening in warp threads through which filling passes.

SHEDDING MOTION: The first of three basic motions involved in weaving yarn into cloth. The motion resulting from mechanism of loom that operates harness to separate warp threads and form SHED for passage of shuttle.

SHEETING: *See* SHEET PILING.

SHEET PILING: Long narrow strips of heavy sheet metal that are interlocked and driven into the earth to serve as retaining wall for earth or water during excavation. Also known as SHEETING.

SHEET-PILING DRIVER: A compressed-air or gasoline-powered hammer used to drive sheet piling. It has a U-shaped shoe or striking head that fits over end of pile.

SHELF-LIFE: A term used to denote measurement of life of products in storage or shipment. It is used in connection with beverages (beer) and dry-cell batteries, indicating degree of capacity or usability when put to use.

SHIP'S CRADLE: A framework or platform of timber under bottom of ship, on which it is launched.

SHOOT WIRE: Wires running short way of cloth or screen as woven.

SHOPPING SERVICE: A service paid for by a store and conducted by an outside organization to test, through actual shopping, courtesy, integrity, honesty, and selling ability of establishment's sales and service personnel.

SHOT PAN: A pan, resembling frying pan, with equidistantly spaced holes in bottom through which molten lead is dropped to form shot pellets. Pans are numbered according to size of holes.

SHUTTLE BINDER: A wood or iron lever located at front or back of, and projecting slightly into, the shuttle box. Its purpose is to check force of shuttle as it enters the box.

SHUTTLE BOX: The container at each side of a loom that receives shuttle at the end of its passage.

SIEVE CLOTH: The fabric belts on printing machine which absorb color solutions from color trays and convey it to rollers that print designs on wallpaper.

SINKER: (I) An elevator platform that submerges felt hat cones in tub of hot water to strengthen cohesion of fur fibers.

—— (II) Slender rods in slotted metal bar used in knitting machines to depress loops upon or between needles.

SIPES: Metal strips inserted in grooves of tire molds to impart thread design in cured tires.

SKIRTLIKE UPPER: The sewn-together vamp, quarters, and counter of nonrubber upper of an article of footwear before rubber, composition, or cork sole is put on. The bottom edges of upper are cemented all around, like the hem of a skirt, for bonding with sole.

SLAKED LIME: A chemical combination of calcium, hydrogen, and oxygen formed by combining quicklime and water.

SLIDE: Distance PALLET STONE moves downward on escape wheel tooth after locking in a watch.

SLUBBER: The first fly frame for drawing and twisting slivers to form rovings.

SOFT BOARD: *See* BOARD.

SPACE GAGE: A rectangular metal piece with parallel rows of fine grooves extending across its face, used as a guide for spacing needles in the NEEDLE BAR of a knitting machine.

SPEECH READING: Visual interpretation of speech, from lip movements, facial expressions, and body movements. Also known as lip reading.

SPINNERET: A small cap with very small holes through which a solution is forced, emerging solidified as a fiber.

SPINNING BOX: A device used in rayon manufacturing for piling thread into ring-shaped CAKES. The thread is drawn into spinning box through glass funnel and wound by centrifugal force.

SPOIL PILES: Earth and rock removed from coal, ore, or rock deposit in strip mine, open pit, or quarry.

SPONGE: A powder form of cadmium with a high zinc content.

SPOT-FACING: A machining process in which the area around a hole is milled to smooth, flat surface by application of a rotating tool with cutting edges on its end or face.

SPREADER PAN: A pan, resembling a frying pan, with holes around the side which sets on legs in the SHOT PAN and spreads lead evenly around shot pan.

SPUR CHUCK: A stubby, pronged fork attached to driving spindle of lathe to assist in mounting and centering workpieces.

SPUTTERING: Bombarding metal surface with positive ions to form fine-grained coating on surface.

STAB: A small metal point set in a die used to mark material which is to be sewn.

STAB SETTER: A tool shaped like a hand punch that fits over the STAB. A hammer is used to set STAB in die.

STAKING: The process of making leather soft and pliable, or stretching it to full size. When machines are used, the leather is drawn back and forth between rollers or over a rounded blade.

STAMPER: Negative electroplate made by electrodeposition on MOTHER electroplate. Stampers are used in record presses to press positive of recording into phonograph records.

STANDARD SIZE SYSTEM: A system decreed by Edward II in 1324 that established a variation of one-sixth of an inch in length between half sizes and one-third of an inch in length between whole sizes of shoes.

STARTER: A bacteria used for souring milk or cream in making dairy products, or for promoting fermentation.

STEAM LANCE: A long pipe attached to a steam source, through which steam under pressure is blown into boiler tubes to remove soot and sludge.

STICKERS: Pieces of lumber used in a kiln to provide space for warm air between layers of green lumber, to promote drying.

STIPPLING TOOL: A small block of metal, the under surface of which is covered with small projections. It is used to make multiple indentations in wood by striking top of tool with hammer or mallet.

STIRRUP: A shackle which transmits to a connection load from only one lever.

STONE LAY: A scheme or diagram of type pages as they should be imposed on the stone or table as opposed to how they actually appear on the printed sheet.

STORAGE: (I) The term preferred to MEMORY.

—— (II) Pertaining to a device in which data can be stored and from which it can be obtained at a later time. The means of storing data may be chemical, electrical, or mechanical.

—— (III) A device consisting of electronic, electrostatic, electrical, hardware, or other elements into which data may be entered and from which data may be obtained as desired.

—— (IV) The erasable STORAGE in any given COMPUTER.

STRAPPING TOOL: A hand-operated device that pulls taut strip-steel straps wrapped around a bale and secures ends by pinching a cleat placed around overlapping ends of strap.

STRIKE: A batch of sugar liquor drained from vacuum pans after boiling has created sugar crystals and reduced solution to specified consistency.

STRIKE UP MARKS: Light pencil lines drawn across and at right angles to the junction of two sail cloths and used as guides to sew cloths together.

STUFFING BOX: A small cylindrical box, filled with fibrous material, mounted on the frame of a machine surrounding a piston rod. Its purpose is to make an airtight or steamtight joint.

STUMMEL: The portion of a smoking pipe consisting of the bowl and shank.

SUBROUTINE: (I) The set of INSTRUCTIONS necessary to direct the COMPUTER to carry out a well-defined mathematical or logical operation.

—— (II) A subunit of a ROUTINE. A SUBROUTINE is often written in relative or symbolic coding even when the ROUTINE to which it belongs is not.

—— (III) A portion of a ROUTINE that causes a COMPUTER to carry out a well-defined mathematical or logical operation.

—— (IV) A ROUTINE which is arranged so that control may be transferred to it from a master ROUTINE and so that, at the conclusion of the SUBROUTINE, control reverts to the master ROUTINE. Such a SUBROUTINE is usually called a closed ROUTINE.

—— (V) A single ROUTINE may simultaneously be both a SUBROUTINE with respect to another ROUTINE and as a master ROUTINE with respect to a third. Usually control is transferred to a single SUBROUTINE from more than one place in the master ROUTINE and the reason for using the SUBROUTINE is to avoid having to repeat the same sequence of INSTRUCTIONS in different places in the master ROUTINE.

SUCTION DREDGE: A floating dredging machine that excavates by means of a centrifugal pump and suction tube that draws mud or saturated sand from a channel and discharges it on shore or elsewhere.

SUPER: A section or story of a beehive containing 8 or 10 frames suspended inside on which bees build honeycomb and fill it with honey.

SURFACE GAGE: A device for measuring and marking metal parts at precise distances above a plane surface. It consists of a flat-surfaced metal block and a pointed adjustable rod of hardened steel mounted on the block.

SURVEYOR: A precision instrument used to make a pencil mark around a tooth indicating its greatest circumference in any one position relative to the vertical.

SWEEPS: A curved piece of plastic or metal that represents a segment of a circle of a known radius. It is used to check accuracy of curves or to draw original curves.

SWING-FOLDING ATTACHMENT: A device, usually attached to the rear of a processing machine, to fold cloth coming from the machine. It consists of a pair of

thin parallel rollers mounted between two arms that swing like a pendulum, laying cloth in loose folds.

SWING WEIGHT: The swing weight of a golf club is a measure of the leverage of the club, from beyond a fixed point, applied against the end of the handle. It is the weight felt by the golfer when he swings the club

TACK: Riding equipment, such as saddle, riding crop, and saddle weights, used by jockey to ride race horse.

TAKEUP ROLL: A roller, operating continuously or intermittently, that winds long lengths of material after it has passed through a machine.

TALKING BOOK: An album of phonograph records containing complete text of book, periodical, or series of articles, for use by blind library patrons.

TAPE CONDENSER: A device that removes web (a sheet of cotton or other fibers) from CARDING MACHINE, divides, and condenses it into roping ready for spinning.

TELESCOPING GAGE: A precision measuring instrument the end of which can be positioned inside hole or opening and expanded to touch walls; interior dimension can then either be read on calibrations of gage or measured with micrometer.

TELETICKETER: An electrical device that transmits and prints transportation routing information on passenger tickets.

TEMPERATURE POTENTIOMETER: A device to take temperature readings at any given point via transmission through thermocouples to reading device. It is equipped with dial to select from which thermocouple (point) to take reading.

TENSION GUIDE: A device used as guide to provide specified tension during winding, coning, sizing, and warping. This device contains fingers, disks, or washers that apply tension.

TENTER FRAME: A machine that dries and stretches cloth to its original width and straightens its weave after a finishing process.

THRUST END ASSEMBLY: The forward end of tubine at which steam enters.

TIMER DRUM: A metal drum containing series of paralleled slots extending around its circumference to hold timing buttons that trip solenoid switches, as drum revolves, to control operation of bottlemaking machine.

TITRATION: The method or process of determining the strength of a solution in terms of the smallest amount of it which will bring about a given reaction with another known substance. Usually the test is accomplished by the use of an indicator (such as litmus) which changes in color when the reaction takes place.

TOE BOARD: The portion of a board on which toe of stocking is shaped.

TOP: An untwisted strand for sliver of long wool or synthetic fibers from which short fibers have been combed. Top is wound into ball form (about 5 to 15 pounds) after combing.

TORQUE CHUCK: A chuck equipped with clutch that slips when under a given tension.

TOW: A large number of continuous synthetic filaments bunched in loose ropelike form with very little twist.

TRACER CONTROL: A system of machine-tool control in which the cutting tool is automatically made to move in precise parallel relationship to a stylus that is held against and moved along edge of a flat template or surface of three-dimensional model. The motion may be mediated mechanically, hydraulically, or electrically, or by a combination of these.

TRACER POINT: A metal rod placed in chuck of master spindle of wood-carving machine, used to follow around the contour of carving pattern.

TRANSFER ARMS: A mechanical fixture on bottlemaking machine that automatically grasps and transfers bottles to and from blanking and forming molds.

TRANSFER BAR: A rectangular metal bar used to transfer knitted garment parts from one full-fashioned knitting machine onto NEEDLE BAR of another.

TRANSFER POINT: The needlelike projections on a TRANSFER BAR or TRANSFER RING over which stitches of knitted material are hung when the material is transferred from one machine to another.

TRANSFER RING: A circular metal ring, equipped with vertical needle points, used to transfer knitted material from one machine to another.

TRAVELER: A small free-running metal ring sliding on a bar through which thread passes in other textile machine to impart a twist to the thread.

TRIBOX: Glass enclosed container housing thermometer and hydrometer through which distilled liquor flows, allowing temperature and specific gravity proof of liquor to be measured.

TRIP BUTTONS: Small bolts locked in slots on TIMER DRUMS to trip solenoid switches that start and stop functions of bottlemaking machines.

TRUING: The shaping of grinding wheel for purpose of producing consistent flatness or contour on the ground workpiece. Usually accomplished by application of diamond, abrasive, or hard metal tool.

TRUSS HOOP: A thick iron hoop used to temporarily hold together barrel staves.

TUBE: (I) A hollow cylinder of cardboard on which cloth or yarn is wound for shipment.

—— (II) A common term used in the paper goods industry to indicate that portion of a paper bag without a bottom.

TUNNEL HEADING: That part of tunnel where digging operations are performed.

TURNER TUBES: A device used in turning gloves, with corresponding rods that push the finger tips of the glove into the tube, partially turning it. Turning is completed manually by worker or automatically on machine.

TURNINGS: An article that has been cut to cylindrical shape on lathe.

ULTRASONIC WAVE MACHINE: A machine that removes foreign matter from polished lenses by sound waves.

UNISHANK: A method of shoe construction in which the insole, steel shank, and tuck are incorporated into a single unit.

VERIFIER: A device that automatically compares (verifies) the CHARACTERS on a manual transcription against retranscription.

VOTATOR: Trade name for machine used to cool hot oils and other liquid ingredients to form solidified margarine or shortening, and to impart smooth texture to product.

V-RING: Rings that are assembled to each end of the commutator, pressed together, and bolted or screwed to the hub of the armature to keep the copper bars in alinement.

WARP WIRE: Wires running the long way of the cloth or screen as woven.

WEASANDS: Casings made from windpipes or throat membranes of animals, in which snuff is packed.

WEAVER'S KNOT: A small flat knot that is used to join ends of yarn.

WEB: Excess metal which has been forced into holes at the parting line of dies during a forging operation.

WEBBING STRETCHER: A handtool used to stretch webbing across furniture seat frames.

WEIGHTING: The treatment of silk with a solution containing tin to make it heavier.

WELT BAR: A bar of a knitting machine containing a row of small steel hooks (welt points) that hold the first loops or stitch of fabric until the welt is knitted.

WELT ROD: A small metal rod used to facilitate turning of welt on full-fashioned stockings and to wind hose on takeup roller.

WHITE WATER: Water separated from paper pulp during processing. It contains varying amounts of reclaimable fibers, fillers, dyestuffs, and other elements.

WHITING COMPOUND: A mixture of powdered chalk and liquid glue used to form wood sealer or priming base for further application of paint.

WICK: Strands of asbestos twisted together and used for making asbestos rope, packing for steam valves, and as a seal for oven or furnace doors.

WINDUP RACK: A rack that has a continuous drive action which winds long lengths of material into a roll after material has passed through a machine.

WIREBOUND BOX: A box made of veneer held together by wire stapled to the box section.

WORD: An ordered set of CHARACTERS which occupies one STORAGE location and is treated by the COMPUTER circuits as a unit and transferred as such. Ordinarily a WORD is treated by the control unit as an INSTRUCTION and by the arithmetic unit as a quantity. WORD lengths may be fixed or variable, depending on the particular COMPUTER.

WORM: A power-driven cutting bead, rotating in such a manner that it moves forward through a pipe, cutting scale, chemical deposits, and other residue from the wall of the pipe.

YARN CARRIER: In flat knitting, the sliding frame above the needlebeds that hold the cams and yarn guides and carries them to and fro.

Z-CALENDER: *See* FOUR-ROLL CALENDER.

APPENDIX A

Explanation of Relationships Within Data, People, Things Hierarchies

Much of the information in this edition of the Dictionary is based on the premise that every job requires a worker to function in relation to Data, People, and Things, in varying degrees. These relationships are identified and explained below. They appear in the form of three hierarchies arranged in each instance from the relatively simple to the complex in such a manner that each successive relationship includes those that are simpler and excludes the more complex.[1] The identifications attached to these relationships are referred to as worker functions, and provide standard terminology for use in summarizing exactly what a worker does on the job by means of one or more meaningful verbs.

A job's relationship to Data, People, and Things can be expressed in terms of the highest appropriate function in each hierarchy to which the worker has an occupationally significant relationship, and these functions taken together indicate the total level of complexity at which he must perform. The last three digits of the occupational code numbers in the Dictionary reflect significant relationships to Data, People, and Things, respectively.[2] These last three digits express a job's relationship to Data, People, and Things by identifying the highest appropriate function in each hierarchy to which the job requires the worker to have a significant relationship, as reflected by the following table:

DATA (4th digit)	PEOPLE (5th digit)	THINGS (6th digit)
0 Synthesizing	0 Mentoring	0 Setting-Up
1 Coordinating	1 Negotiating	1 Precision Working
2 Analyzing	2 Instructing	2 Operating-Controlling
3 Compiling	3 Supervising	3 Driving-Operating
4 Computing	4 Diverting	4 Manipulating
5 Copying	5 Persuading	5 Tending
6 Comparing	6 Speaking-Signaling	6 Feeding-Offbearing
7, 8 No significant relationship	7 Serving	7 Handling
	8 No significant relationship	8 No significant relationship

DATA: Information, knowledge, and conceptions, related to data, people, or things, obtained by observation, investigation, interpretation, visualization, mental creation; incapable of being touched; written data take the form of numbers, words, symbols; other data are ideas, concepts, oral verbalization.

0 **Synthesizing:** Integrating analyses of data to discover facts and/or develop knowledge concepts or interpretations.

1 **Coordinating:** Determining time, place, and sequence of operations or action to be taken on the basis of analysis of data; executing determinations and/or reporting on events.

2 **Analyzing:** Examining and evaluating data. Presenting alternative actions in relation to the evaluation is frequently involved.

3 **Compiling:** Gathering, collating, or classifying information about data, people, or things. Reporting and/or carrying out a prescribed action in relation to the information is frequently involved.

4 **Computing:** Performing arithmetic operations and reporting on and/or carrying out a prescribed action in relation to them. Does not include counting.

5 **Copying:** Transcribing, entering, or posting data.

6 **Comparing:** Judging the readily observable functional, structural, or compositional characteristics (whether similar to or divergent from obvious standards) of data, people, or things.

PEOPLE: Human beings; also animals dealt with on an individual basis as if they were human.

0 **Mentoring:** Dealing with individuals in terms of their total personality in order to advise, counsel, and/or guide them with regard to problems that may be resolved by legal, scientific, clinical, spiritual, and/or other professional principles.

[1] As each of the relationships to People represents a wide range of complexity, resulting in considerable overlap among occupations, their arrangement is somewhat arbitrary and can be considered a hierarchy only in the most general sense.

[2] Only those relationships which are occupationally significant in terms of the requirements of the job are reflected in the code numbers. The incidental relationships which every worker has to Data, People, and Things, but which do not seriously affect successful performance of the essential duties of the job, are not reflected.

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1 **Negotiating:** Exchanging ideas, information, and opinions with others to formulate policies and programs and/or arrive jointly at decisions, conclusions, or solutions.

2 **Instructing:** Teaching subject matter to others, or training others (including animals) through explanation, demonstration, and supervised practice; or making recommendations on the basis of technical disciplines.

3 **Supervising:** Determining or interpreting work procedures for a group of workers, assigning specific duties to them, maintaining harmonious relations among them, and promoting efficiency.

4 **Diverting:** Amusing others.

5 **Persuading:** Influencing others in favor of a product, service, or point of view.

6 **Speaking-Signaling:** Talking with and/or signaling people to convey or exchange information. Includes giving assignments and/or directions to helpers or assistants.

7 **Serving:** Attending to the needs or requests of people or animals or the expressed or implicit wishes of people. Immediate response is involved.

THINGS: Inanimate objects as distinguished from human beings; substances or materials; machines, tools, equipment; products. A thing is tangible and has shape, form, and other physical characteristics.

0 **Setting Up:** Adjusting machines or equipment by replacing or altering tools, jigs, fixtures, and attachments to prepare them to perform their functions, change their performance, or restore their proper functioning if they break down. Workers who set up one or a number of machines for other workers or who set up and personally operate a variety of machines are included here.

1 **Precision Working:** Using body members and/or tools or work aids to work, move, guide, or place objects or materials in situations where ultimate responsibility for the attainment of standards occurs and selection of appropriate tools, objects, or materials, and the adjustment of the tool to the task require exercise of considerable judgment.

2 **Operating-Controlling:** Starting, stopping, controlling, and adjusting the progress of machines or equipment designed to fabricate and/or process objects or materials. Operating machines involves setting up the machine and adjusting the machine or material as the work progresses. Controlling equipment involves observing gages, dials, etc., and turning valves and other devices to control such factors as temperature, pressure, flow of liquids, speed of pumps, and reactions of materials. Setup involves several variables and adjustment is more frequent than in tending.

3 **Driving-Operating:** Starting, stopping, and controlling the actions of machines or equipment for which a course must be steered, or which must be guided, in order to fabricate, process, and/or move things or people. Involves such activities as observing gages and dials; estimating distances and determining speed and direction of other objects; turning cranks and wheels; pushing clutches or brakes; and pushing or pulling gear lifts or levers. Includes such machines as cranes, conveyor systems, tractors, furnace charging machines, paving machines and hoisting machines. Excludes manually powered machines, such as handtrucks and dollies, and power assisted machines, such as electric wheelbarrows and handtrucks.

4 **Manipulating:** Using body members, tools, or special devices to work, move, guide, or place objects or materials. Involves some latitude for judgment with regard to precision attained and selecting appropriate tool, object, or material, although this is readily manifest.

5 **Tending:** Starting, stopping, and observing the functioning of machines and equipment. Involves adjusting materials or controls of the machine, such as changing guides, adjusting timers and temperature gages, turning valves to allow flow of materials, and flipping switches in response to lights. Little judgment is involved in making these adjustments.

6 **Feeding-Offbearing:** Inserting, throwing, dumping, or placing materials in or removing them from machines or equipment which are automatic or tended or operated by other workers.

7 **Handling:** Using body members, handtools, and/or special devices to work, move, or carry objects or materials. Involves little or no latitude for judgment with regard to attainment of standards or in selecting appropriate tool, object, or material.

NOTE: Included in the concept of Feeding-Offbearing, Tending, Operating-Controlling, and Setting Up, is the situation in which the worker is actually part of the setup of the machine, either as the holder and guider of the material or holder and guider of the tool.

APPENDIX B

Explanation of Worker Trait Components

Those abilities, personal traits, and individual characteristics required of a worker in order to achieve average successful job performance are referred to as worker traits. Occupational information presented in volumes I and II is based in part on analysis of required worker traits in terms of the six distinct worker trait components described in this appendix. These six components have been selected for this purpose because they provide the broadest and yet most comprehensive framework for the effective presentation of worker trait information. Within this framework the user will find data concerning the requirements of jobs for: (1) The amount of general educational development and specific vocational preparation a worker must have, (2) the specific capacities and abilities required of him in order to learn or perform certain tasks or duties, (3) preferences for certain types of work activities or experiences considered necessary for job success, (4) types of occupational situations to which an individual must adjust, (5) physical activities required in work situations, and (6) physical surroundings prevalent in jobs.

Information reflecting significant worker trait requirements is contained, explicitly or by implication, in the job definitions in volume I. In the Worker Traits Arrangement in volume II, the qualifications profile for each worker trait group shows the range of required traits and/or levels of traits for the first five of these components. Numbers or letters are used to identify each specific trait and level. In this appendix, these identifying numbers and letters appear in italics.

The worker trait components are:

I. Training time (general educational development, specific vocational preparation)
II. Aptitudes
III. Interests
IV. Temperaments
V. Physical demands
VI. Working conditions [1]

I. Training Time

The amount of general educational development and specific vocational preparation required for a worker to acquire the knowledge and abilities necessary for average performance in a particular job.

General Educational Development: This embraces those aspects of education (formal and informal) which contribute to the worker's (a) reasoning development and ability to follow instructions, and (b) acquisition of "tool" knowledges, such as language and mathematical skills. It is education of a general nature which does not have a recognized, fairly specific, occupational objective. Ordinarily such education is obtained in elementary school, high school, or college. It also derives from experience and individual study.

[1] Working conditions were recorded as part of each job analysis, and are reflected, when appropriate, in job definitions in volume I. However, because they did not contribute to the homogeneity of worker trait groups, they do not appear as a component in the Worker Traits Arrangement.

The following is a table explaining the various levels of general educational development.

GENERAL EDUCATIONAL DEVELOPMENT

Level	Reasoning Development	Mathematical Development	Language Development
6	Apply principles of logical or scientific thinking to a wide range of intellectual and practical problems. Deal with nonverbal symbolism (formulas, scientific equations, graphs, musical notes, etc.) in its most difficult phases. Deal with a variety of abstract and concrete variables. Apprehend the most abstruse classes of concepts.	Apply knowledge of advanced mathematical and statistical techniques such as differential and integral calculus, factor analysis, and probability determination, or work with a wide variety of theoretical mathematical concepts and make original applications of mathematical procedures, as in empirical and differential equations.	Comprehension and expression of a level to —Report, write, or edit articles for such publications as newspapers, magazines, and technical or scientific journals. —Prepare and draw up deeds, leases, wills, mortgages, and contracts. —Prepare and deliver lectures on politics, economics, education, or science. —Interview, counsel, or advise such people as students, clients, or patients, in such matters as welfare eligibility, vocational rehabilitation, mental hygeine, or marital relations. —Evaluate engineering technical data to design buildings and bridges.
5	Apply principles of logical or scientific thinking to define problems, collect data, establish facts, and draw valid conclusions. Interpret an extensive varietv of technical instructions, in books, manuals, and mathematical or diagrammatic form. Deal with several abstract and concrete variables.		
4	Apply principles of rational svstems [1] to solve practical problems and deal with a variety of concrete variables in situations where only limited standardization exists. Interpret a variety of instructions furnished in written, oral, diagrammatic, or schedule form.	Perform ordinary arithmetic, algebraic, and geometric procedures in standard, practical applications.	Comprehension and expression of a level to —Transcribe dictation, make appointments for executive and handle his personal mail, interview and screen people wishing to speak to him, and write routine correspondence on own initiative. —Interview job applicants to determine work best suited for their abilities and experience, and contact employers to interest them in services of agency. —Interpret technical manuals as well as drawings and specifications, such as layouts, blueprints, and schematics.
3	Apply common sense understanding to carry out instructions furnished in written, oral, or diagrammatic form. Deal with problems involving several concrete variables in or from standardized situations.	Make arithmetic calculations involving fractions, decimals and percentages.	Comprehension and expression of a level to —File, post, and mail such material as forms, checks, receipts, and bills. —Copv data from one record to another, fill in report forms, and tvpe all work from rough draft or corrected copy. —Interview members of household to obtain such information as age, occupation, and number of children, to be used as data for surveys, or economic studies. —Guide people on tours through historical or public buildings, describing such features as size, value, and points of interest.
2	Apply common sense understanding to carry out detailed but uninvolved written or oral instructions. Deal with problems involving a few concrete variables in or from standardized situations.	Use arithmetic to add, subtract, multiply, and divide whole numbers.	
1	Applv common sense understanding to carry out simple one- or two-step instructions. Deal with standardized situations with occasional or no variables in or from these situations encountered on the job.	Perform simple addition and subtraction, reading and copying of figures, or counting and recording.	Comprehension and expression of a level to —Learn job duties from oral instructions or demonstration. —Write identifving information, such as name and address of customer, weight, number, or type of product, on tags, or slips. —Request orally, or in writing, such supplies as linen, soap, or work materials.

[1] Examples of "principles of rational systems" are: Bookkeeping, internal combustion engines, electric wiring systems, house building, nursing, farm management, ship sailing.

Specific Vocational Preparation: The amount of time required to learn the techniques, acquire information, and develop the facility needed for average performance in a specific job-worker situation. This training may be acquired in a school, work, military, instutitional, or avocational environment. It does not include orientation training required of even every fully qualified worker to become accustomed to the special conditions of any new job. Specific vocational training includes training given in any of the following circumstances:

a. Vocational education (such as high school commercial or shop training, technical school, art school, and that part of college training which is organized around a specific vocational objective);
b. Apprentice training (for apprenticeable jobs only);
c. In-plant training (given by an employer in the form of organized classroom study);
d. On-the-job training (serving as learner or trainee on the job under the instruction of a qualified worker);
e. Essential experience in other jobs (serving in less responsible jobs which lead to the higher grade job or serving in other jobs which qualify).

The following is an explanation of the various levels of specific vocational preparation.

Level	*Time*	*Level*	*Time*
1	Short demonstration only.	*5*	Over 6 months up to and including 1 year.
2	Anything beyond short demonstration up and including 30 days.	*6*	Over 1 year up to and including 2 years.
		7	Over 2 years up to and including 4 years.
3	Over 30 days up to and including 3 months.	*8*	Over 4 years up to and including 10 years.
4	Over 3 months up to and including 6 months.	*9*	Over 10 years.

II. APTITUDES

Specific capacities and abilities required of an individual in order to learn or perform adequately a task or job duty.

G INTELLIGENCE: General learning ability. The ability to "catch on" or understand instructions and underlying principles. Ability to reason and make judgments. Closely related to doing well in school.

V VERBAL: Ability to understand meanings of words and ideas associated with them, and to use them effectively. To comprehend language, to understand relationships between words, and to understand meanings of whole sentences and paragraphs. To present information or ideas clearly.

N NUMERICAL: Ability to perform arithmetic operations quickly and accurately.

S SPATIAL: Ability to comprehend forms in space and understand relationships of plane and solid objects. May be used in such tasks as blueprint reading and in solving geometry problems. Frequently described as the ability to "visualize" objects of two or three dimensions, or to think visually of geometric forms.

P FORM PERCEPTION: Ability to perceive pertinent detail in objects or in pictorial or graphic material; To make visual comparisons and discriminations and see slight differences in shapes and shadings of figures and widths and lengths of lines.

Q CLERICAL PERCEPTION: Ability to perceive pertinent detail in verbal or tabular material. To observe differences in copy, to proofread words and numbers, and to avoid perceptual errors in arithmetic computation.

K MOTOR COORDINATION: Ability to coordinate eyes and hands or fingers rapidly and accurately in making precise movements with speed. Ability to make a movement response accurately and quickly.

F FINGER DEXTERITY: Ability to move the fingers and manipulate small objects with the fingers rapidly or accurately.

M MANAUL DEXTERITY: Ability to move the hands easily and skillfully. To work with the hands in placing and turning motions.

E EYE-HAND-FOOT COORDINATION: Ability to move the hand and foot coordinately with each other in accordance with visual stimuli.

C COLOR DISCRIMINATION: Ability to perceive or recognize similarities or differences in colors, or in shades or other values of the same color; to identify a particular color, or to recognize harmonious or contrasting color combinations, or to match colors accurately.

Explanation of Levels

The digits indicate how much of each aptitude the job requires for satisfactory (average) performance. The average requirements, rather than maximum or minimum, are cited. The amount required is expressed in terms of equivalent amounts possessed by segments of the general working population.

The following scale is used:

1 The top 10 percent of the population. This segment of the population possesses an extremely high degree of the aptitude.

2 The highest third exclusive of the top 10 percent of the population. This segment of the population possesses an above average or high degree of the aptitude.

3 The middle third of the population. This segment of the population possesses a medium degree of the aptitude, ranging from slightly below to slightly above average.

4 The lowest third exclusive of the bottom 10 percent of the population. This segment of the population possesses a below average or low degree of the aptitude.

5 The lowest 10 percent of the population. This segment of the population possesses a negligible degree of the aptitude.

Significant Aptitudes

Certain aptitudes appear in boldface type on the qualifications profiles for the worker trait groups. These aptitudes are considered to be occupationally significant for the specific group; i.e., essential for average successful job performance. All boldface aptitudes are not necessarily required of a worker for each individual job within a worker trait group, but some combination of them is essential in every case.

III. INTERESTS

Preferences for certain types of work activities or experiences, with accompanying rejection of contrary types of activities or experiences. Five pairs of interest factors are provided so that a positive preference for one factor of a pair also implies rejection of the other factor of that pair.

1 Situations involving a preference for activities dealing with things and objects.	vs.	*6* Situations involving a preference for activities concerned with people and the communication of ideas.
2 Situations involving a preference for activities involving business contact with people.	vs.	*7* Situations involving a preference for activities of a scientific and technical nature.
3 Situations involving a preference for activities of a routine, concrete, organized nature.	vs.	*8* Situations involving a preference for activities of an abstract and creative nature.
4 Situations involving a preference for working for people for their presumed good, as in the social welfare sense, or for dealing with people and language in social situations.	vs.	*9* Situations involving a preference for activities that are nonsocial in nature, and are carried on in relation to processes, machines, and techniques.
5 Situations involving a preference for activities resulting in prestige or the esteem of others.	vs.	*0* Situations involving a preference for activities resulting in tangible, productive satisfaction.

IV. TEMPERAMENTS

Different types of occupational situations to which workers must adjust.

1 Situations involving a variety of duties often characterized by frequent change.

2 Situations involving repetitive or short cycle operations carried out according to set procedures or sequences.

3 Situations involving doing things only under specific instruction, allowing little or no room for independent action or judgment in working out job problems.

4 Situations involving the direction, control, and planning of an entire activity or the activities of others.

5 Situations involving the necessity of dealing with people in actual job duties beyond giving and receiving instructions.

6 Situations involving working alone and apart in physical isolation from others, although the activity may be integrated with that of others.

7 Situations involving influencing people in their opinions, attitudes, or judgments about ideas or things.

8 Situations involving performing adequately under stress when confronted with the critical or unexpected or when taking risks.

9 Situations involving the evaluation (arriving at generalizations, judgments, or decisions) of information against sensory or judgmental criteria.

0 Situations involving the evaluation (arriving at generalizations, judgments, or decisions) of information against measurable or verifiable criteria.

X Situations involving the interpretation of feelings, ideas, or facts in terms of personal viewpoint.

Y Situations involving the precise attainment of set limits, tolerances, or standards.

V. PHYSICAL DEMANDS

Physical demands are those physical activities required of a worker in a job.

The physical demands referred to in this Dictionary serve as a means of expressing both the physical requirements of the job and the physical capacities (specific physical traits) a worker must have to meet the requirements. For example, "seeing" is the name of a physical demand required by many jobs (perceiving by the sense of vision), and also the name of a specific capacity possessed by many people (having the power of sight). The worker must possess physical capacities at least in an amount equal to the physical demands made by the job.

The Factors

1 **Lifting, Carrying, Pushing, and/or Pulling (Strength).** These are the primary "strength" physical requirements, and generally speaking, a person who engages in one of these activities can engage in all.

Specifically, each of these activities can be described as:

(1) Lifting: Raising or lowering an object from one level to another (includes upward pulling).

(2) Carrying: Transporting an object, usually holding it in the hands or arms or on the shoulder.

(3) Pushing: Exerting force upon an object so that the object moves away from the force (includes slapping, striking, kicking, and treadle actions).

(4) Pulling: Exerting force upon an object so that the object moves toward the force (includes jerking).

The five degrees of Physical Demands Factor No. 1 (Lifting, Carrying, Pushing, and/or Pulling), are as follows:

S Sedentary Work

Lifting 10 lbs. maximum and occasionally lifting and/or carrying such articles as dockets, ledgers, and small tools. Although a sedentary job is defined as one which involves sitting, a certain amount of walking and standing is often necessary in carrying out job duties. Jobs are sedentary if walking and standing are required only occasionally and other sedentary criteria are met.

L Light Work

Lifting 20 lbs. maximum with frequent lifting and/or carrying of objects weighing up to 10 lbs. Even though the weight lifted may be only a negligible amount, a job is in this category when it requires walking or standing to a significant degree, or when it involves sitting most of the time with a degree of pushing and pulling of arm and/or leg controls.

M Medium Work

Lifting 50 lbs. maximum with frequent lifting and/or carrying of objects weighing up to 25 lbs.

H Heavy Work

Lifting 100 lbs. maximum with frequent lifting and/or carrying of objects weighing up to 50 lbs.

V Very Heavy Work

Lifting objects in excess of 100 lbs. with frequent lifting and/or carrying of objects weighing 50 lbs. or more.

2 **Climbing and/or Balancing:**

(1) Climbing: Ascending or descending ladders, stairs, scaffolding, ramps, poles, ropes, and the like, using the feet and legs and/or hands and arms.
(2) Balancing: Maintaining body equilibrium to prevent falling when walking, standing, crouching, or running on narrow, slippery, or erratically moving surfaces; or maintaining body equilibrium when performing gymnastic feats.

3 **Stooping, Kneeling, Crouching, and/or Crawling:**

(1) Stooping: Bending the body downward and forward by bending the spine at the waist.
(2) Kneeling: Bending the legs at the knees to come to rest on the knee or knees.
(3) Crouching: Bending the body downward and forward by bending the legs and spine.
(4) Crawling: Moving about on the hands and knees or hands and feet.

4 **Reaching, Handling, Fingering, and/or Feeling:**

(1) Reaching: Extending the hands and arms in any direction.
(2) Handling: Seizing, holding, grasping, turning, or otherwise working with the hand or hands (fingering not involved).
(3) Fingering: Picking, pinching, or otherwise working with the fingers primarily (rather than with the whole hand or arm as in handling).
(4) Feeling: Perceiving such attributes of objects and materials as size, shape, temperature, or texture, by means of receptors in the skin, particularly those of the finger tips.

5 **Talking and/or Hearing:**

(1) Talking: Expressing or exchanging ideas by means of the spoken word.
(2) Hearing: Perceiving the nature of sounds by the ear.

6 **Seeing**:

Obtaining impressions through the eyes of the shape, size, distance, motion, color, or other characteristics of objects. The major visual functions are: (1) acuity, far and near, (2) depth perception, (3) field of vision, (4) accommodation, (5) color vision. The functions are defined as follows:

(1) Acuity, far—clarity of vision at 20 feet or more.
Acuity, near—clarity of vision at 20 inches or less.
(2) Depth perception—three dimensional vision. The ability to judge distance and space relationships so as to see objects where and as they actually are.
(3) Field of vision—the area that can be seen up and down or to the right or left while the eyes are fixed on a given point.

(4) Accommodation—adjustment of the lens of the eye to bring an object into sharp focus. This item is especially important when doing near-point work at varying distances from the eye.
(5) Color vision—the ability to identify and distinguish colors.

VI. WORKING CONDITIONS

Working conditions are the physical surroundings of a worker in a specific job.

1 Inside, Outside, or Both:

I Inside: Protection from weather conditions but not necessarily from temperature changes.
O Outside: No effective protection from weather.
B Both: Inside and outside.
A job is considered "inside" if the worker spends approximately 75 per cent or more of his time inside, and "outside" if he spends approximately 75 per cent or more of his time outside. A job is considered "both" if the activities occur inside or outside in approximately equal amounts.

2 Extremes of Cold Plus Temperature Changes:

(1) Extremes of Cold: Temperature sufficiently low to cause marked bodily discomfort unless the worker is provided with exceptional protection.
(2) Temperature Changes: Variations in temperature which are sufficiently marked and abrupt to cause noticeable bodily reactions.

3 Extremes of Heat Plus Temperature Changes:

(1) Extremes of Heat: Temperature sufficiently high to cause marked bodily discomfort unless the worker is provided with exceptional protection.
(2) Temperature Changes: Same as **2** (2).

4 Wet and Humid:

(1) Wet: Contact with water or other liquids.
(2) Humid: Atmospheric condition with moisture content sufficiently high to cause marked bodily discomfort.

5 Noise and Vibration:

Sufficient noise, either constant or intermittent, to cause marked distraction or possible injury to the sense of hearing and/or sufficient vibration (production of an oscillating movement or strain on the body or its extremities from repeated motion or shock) to cause bodily harm if endured day after day.

6 Hazards:

Situations in which the individual is exposed to the definite risk of bodily injury.

7 Fumes, Odors, Toxic Conditions, Dust, and Poor Ventilation:

(1) Fumes: Smoky or vaporous exhalations, usually odorous, thrown off as the result of combustion or chemical reaction.
(2) Odors: Noxious smells, either toxic or nontoxic.
(3) Toxic Conditions: Exposure to toxic dust, fumes, gases, vapors, mists, or liquids which cause general or localized disabling conditions as a result of inhalation or action on the skin.
(4) Dust: Air filled with small particles of any kind, such as textile dust, flour, wood, leather, feathers, etc., and inorganic dust, including silica and asbestos, which make the workplace unpleasant or are the source of occupational diseases.
(5) Poor Ventilation: Insufficient movement of air causing a feeling of suffocation; or exposure to drafts.

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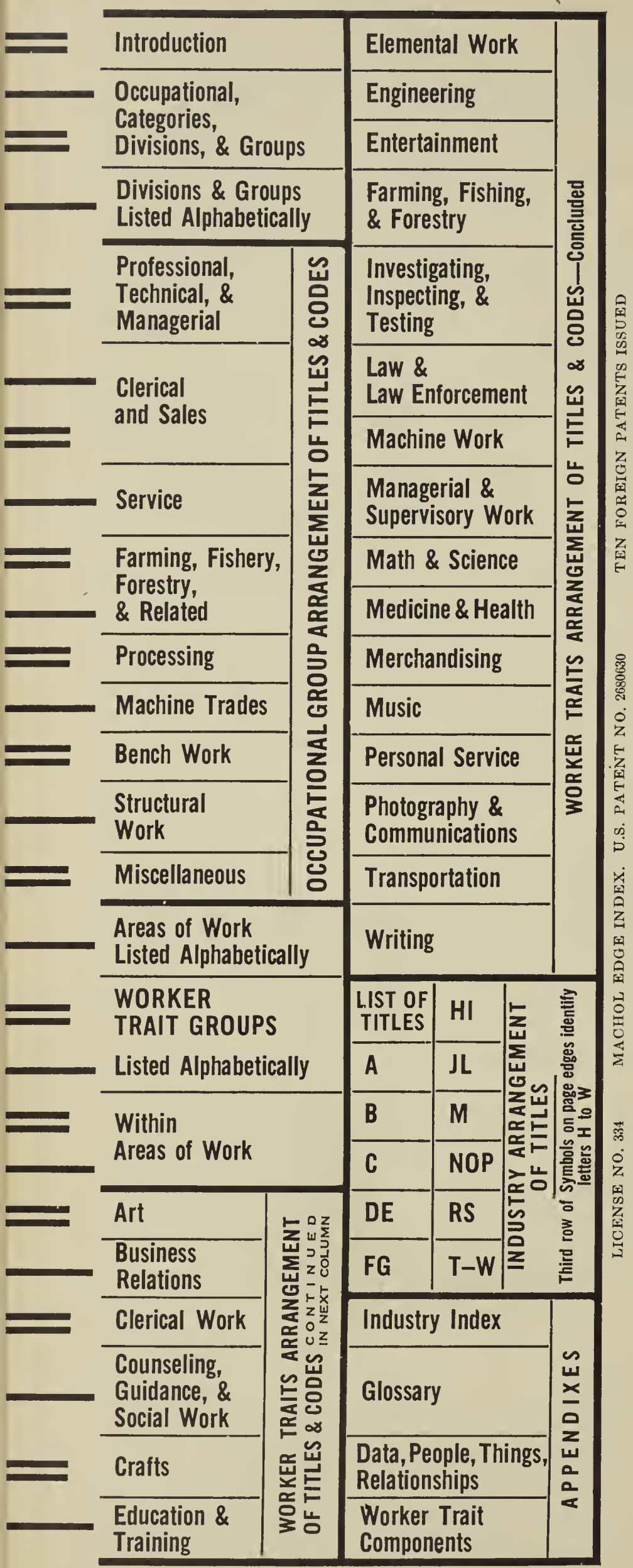

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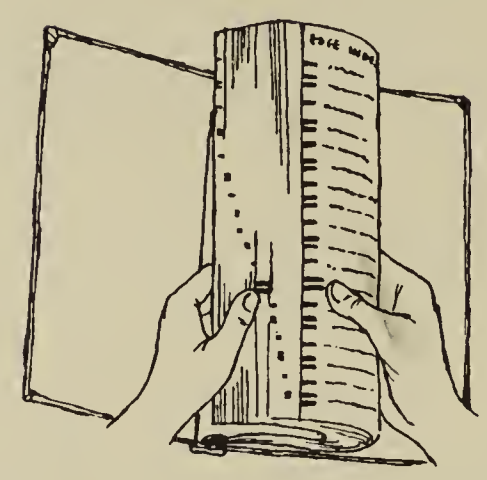

Bend the pages of the book nearly double and hold them that way with your right hand as shown.

Locate the listing you want in the Edge Index.

Match up the 1 or 2 line symbol next to the listing you have selected with the corresponding 1 or 2 dot symbol on the page edge.

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